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Studies on the formation and stability of aminoacyl-tRNA synthetase complexes from Ehrlich ascites cells

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Nucleic Acids and Protein Synthesis, 1976, 454, 480-92.

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#	Paper	IF	Citations
29	Characterization of a unique enzyme complex composed of S-adenosyl-L-methionine-tRNA-methyltransferase and aminoacyl-tRNA synthetase activities. <i>Nucleic Acids Research</i> , 1977 , 4, 3803-19	20.1	15
28	tRNA sulfurtransferase: a member of the aminoacyl-tRNA synthetase complex in rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1977 , 79, 657-62	3.4	15
27	Differential purification of methionine-tRNA synthetase and lysine-tRNA synthetase from rabbit liver. <i>Biochemical and Biophysical Research Communications</i> , 1977 , 78, 1191-7	3.4	8
26	Methionyl-tRNA synthetase from sheep mammary gland. Purification of a fully active monomeric enzyme derived from high-molecular-weight complexes by controlled proteolysis. <i>FEBS Journal</i> , 1978 , 88, 197-204		34
25	Occurrence of aminoacyl-tRNA synthetase complexes in quiescent wheat germ. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 85, 999-1006	3.4	14
24	Affinity chromatography of rat liver aminoacyl-tRNA synthetase complex. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 80, 709-14	3.4	24
23	Uncoupling of amino acid turnover on transfer RNA from protein synthesis in HeLa cells. <i>Nucleic Acids and Protein Synthesis</i> , 1978 , 518, 482-96		7
22	Biochemical research on oogenesis. Transfer RNA is fully charged in the 42-S storage particles of <i>Xenopus laevis</i> oocytes. <i>FEBS Journal</i> , 1979 , 98, 67-75		16
21	The association of histidyl-tRNA synthetase with reticulocyte ribosomes. <i>Nucleic Acids and Protein Synthesis</i> , 1979 , 562, 453-61		12
20	The activity and sedimentation properties of the aminoacyl-tRNA synthetases of rat skeletal muscle. <i>Nucleic Acids and Protein Synthesis</i> , 1979 , 564, 191-201		12
19	A role for protein-protein interactions in the maintenance of active forms of aminoacyl-tRNA synthetases. <i>FEBS Letters</i> , 1979 , 103, 71-6	3.8	13
18	Evidence that lysyl- and/or arginyl-tRNA synthetases from rat liver contain carbohydrate. <i>Biochemical and Biophysical Research Communications</i> , 1979 , 88, 1052-61	3.4	17
17	Particulate aminoacyl-tRNA synthetases are retained on heparin bound to Sepharose. <i>Molecular Biology Reports</i> , 1980 , 6, 245-8	2.8	12
16	Occurrence of aminoacyl-tRNA synthetase complexes in calf brain. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 207, 241-7	4.1	17
15	High molecular mass amino acyl-tRNA synthetase complexes in eukaryotes. <i>FEBS Letters</i> , 1982 , 142, 1-6	3.8	47
14	Association of methionyl-tRNA synthetase with detergent-insoluble components of the rough endoplasmic reticulum. <i>Journal of Cell Biology</i> , 1983 , 96, 1138-47	7.3	91
13	Structural organization of high-Mr mammalian aminoacyl-tRNA synthetases. Comparison of multi-enzyme complexes from different sources. <i>Molecular and Cellular Biochemistry</i> , 1984 , 63, 131-6	4.2	4

12	Heavy and light forms of some aminoacyl-tRNA synthetases in fraction X, microsomes and cytosol of rabbit liver. <i>Molecular and Cellular Biochemistry</i> , 1984 , 62, 149-55	4.2	4
11	Eukaryotic elongation factor 2 loses its non-specific affinity for RNA and leaves polyribosomes as a result of ADP-ribosylation. <i>FEBS Letters</i> , 1984 , 176, 406-10	3.8	28
10	Interaction of eukaryotic threonyl-tRNA synthetase with high-Mr RNAs and tRNA(Thr). <i>FEBS Journal</i> , 1987 , 169, 185-91		3
9	Bovine tryptophanyl-tRNA synthetase and glyceraldehyde-3-phosphate dehydrogenase form a complex. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 161, 481-8	3.4	11
8	Aminoacyl-tRNA synthetase family from prokaryotes and eukaryotes: structural domains and their implications. <i>Progress in Molecular Biology and Translational Science</i> , 1991 , 40, 95-142		201
7	Lysyl-tRNA synthetase. <i>Biological Chemistry Hoppe-Seyler</i> , 1995 , 376, 451-72		19
6	Computer Simulation of the Sedimentation of Ligand-Mediated and Kinetically Controlled Macromolecular Interactions. 1994 , 171-188		4
5	ORGANIZATION OF MAMMALIAN AMINOACYL-tRNA SYNTHETASES. 1978 , 575-580		1
4	Macromolecular complexes from sheep and rabbit containing seven aminoacyl-tRNA synthetases. III. Assignment of aminoacyl-tRNA synthetase activities to the polypeptide components of the complexes.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 11056-11063	5.4	67
3	Purification of a low molecular weight form of rat liver arginyl-tRNA synthetase.. <i>Journal of Biological Chemistry</i> , 1982 , 257, 6003-6006	5.4	37
2	Immunomorphological and biochemical studies on intracellular distribution of tryptophanyl-tRNA synthetase from higher eukaryotes. <i>Biopolymers and Cell</i> , 1985 , 1, 70-79	0.3	8
1	High molecular weight complex of tyrosyl-tRNA synthetase from bovine liver. <i>Biopolymers and Cell</i> , 1991 , 7, 63-69	0.3	6