

Product datasheet for **TP524498**

Adss11 (NM_007421) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse adenylosuccinate synthetase like 1 (Adss11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224498 representing NM_007421 Red =Cloning site Green =Tags(s)
	<p>MSGTRASNDRPPGTGGVKRGRLLQEEAAATGSRVTWVWVLAQWGDEGKGGKVDLLATDADIVSRCQGGNNAG HTVWVDGKEYDFHLLPSGIINTKAVSFIGNGVVIHLPGLFEEAEKNEKKGLKDWEKRLIISDRAHLVDFD HQAVDGLQEVQRQAQEGKNIGTTKKGIGPTYSSKAARTGLRICDLLSDFDEFSARFKNLAHQHQSMPFPTL EIDVEGQLKRLKGFARIRPMVRDGVYFMYEALHGPPKVLVEGANAALLDIDFGTYPFVTSSNCTVGGV CTGLGIPPQNIQDVYGVVVKAYTTRVIGIGAFPTEQINEIGDLLQNRGHEWGVTTGRKRRCGWLDLMILRYA HMVNGFTALALTKLDILDVLSEIKVGISYKLNKRIPIYFPANQEILQKVEVEYETLPGWKADTTGARKWE DLPPQAQSYVRFVENHMGVAVKWWGVGKSRESMIQLF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	50.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031447
Locus ID:	11565



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UniProt ID: [P28650, Q3UBP0](#)

RefSeq Size: 1806

Cytogenetics: 12 F1

RefSeq ORF: 1371

Synonyms: Adss; Adss1; AI528595

Summary: Component of the purine nucleotide cycle (PNC), which interconverts IMP and AMP to regulate the nucleotide levels in various tissues, and which contributes to glycolysis and ammoniogenesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.[UniProtKB/Swiss-Prot Function]