

Product datasheet for **TP520144**

Adss (NM_007422) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse adenylosuccinate synthetase, non muscle (Adss), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR220144 representing NM_007422
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSISESSPAATSLPNGDCGRPRARSGGNRVTVLGAQWGDEGKGVWDLAQAADIVCRCQGGNNAGHTV
VVDSVEYDFHLLPSGIINPNVTAFINGVVIHLPLGFEEAEKNVQKGGKLDGWKRLIISDRAHIVDFH
QAADGIQEQRQEAGKNLGTTKGIGPVYSSKAARSGLRMCDLVSDFDGFSERFKVLANQYKSIYPTLE
IDIEGELQQLKGYMERIKPMVKDGVYFLYEALHGPPKILVEGANAALLDIDFGTYPFVTSSNCTVGGVC
TGLGMPPQNVGEVYGWVKAYTTRVGIGAFPTEQDNEIGELLQTRGREFGVTTGRKRRCGWLDLVSLKYAH
MINGFTALALTKLDILDMFTEIKVGVAYKLDGETIPHFPANQEVLNKVEVQYKTLPGWNTDISNARTFKE
LPVNAQNYVRFIEDELQIPVKWIGVVGKSRESMIQLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.5 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_031448
Locus ID:	11566



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UniProt ID: [P46664](#), [B9EIE9](#)

RefSeq Size: 2553

Cytogenetics: 1 H4

RefSeq ORF: 1368

Synonyms: Adss2; AI314886; AS

Summary: Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.
[UniProtKB/Swiss-Prot Function]