

## Product datasheet for **TP304256L**

### AdSS 2 (ADSS) (NM\_001126) Human Recombinant Protein

#### Product data:

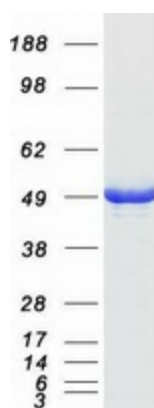
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human adenylosuccinate synthase (ADSS), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204256 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAFAETYPAASSLPNGDCGRPRARPGGNRVTVVLGAQWGDEGKGVVDLLAQDADIVCRCQGGNNAGHTV WDSVEYDFHLLPSGIINPNVTAFINGVWIHLPLGFEEAEKNVQKGGKLEGWEKRLIISDRAHIVDFH QAADGIQEQRQEAGKNLGTTKKIGIPVYSSKAARSLRMCDLVSDFDGFSERFKVLANQYKSIYPTLE IDIEGELQKLKGYMEKIKPMVRDGVYFLYEALHGPPKILVEGANAALLDIDFGTYPFVTSSNCTVGGVC TGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTEQDNEIGELLQTRGREFGVTTGRKRRRCGWLDLVLLKYAH MINGFTALALTKLDILDMFTEIKVGVAYKLDGEIIPHIPANQEVLNKVEVQYKTLPGWNTDISNARAFKE LPVNAQNYVRFIEDELQIPVKWIGVVGKSRESMIQLF</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	49.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u><a href="#">NP_001117</a></u>



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Locus ID:	159
UniProt ID:	<a href="#">P30520</a> , <a href="#">A0A024R5Q7</a>
RefSeq Size:	2791
Cytogenetics:	1q44
RefSeq ORF:	1368
Synonyms:	ADEH; ADSS; ADSS 2
Summary:	This gene encodes the enzyme adenylosuccinate synthetase which catalyzes the first committed step in the conversion of inosine monophosphate to adenosine monophosphate. A pseudogene of this gene is found on chromosome 17.[provided by RefSeq, Nov 2010]
Protein Pathways:	Alanine, aspartate and glutamate metabolism, Metabolic pathways, Purine metabolism

### Product images:



Coomassie blue staining of purified ADSS protein (Cat# [TP304256]). The protein was produced from HEK293T cells transfected with ADSS cDNA clone (Cat# [RC204256]) using MegaTran 2.0 (Cat# [TT210002]).