

Recombinant Human ADSS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ADSS2-5549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ADSS MS Standard C13 and N15-labeled recombinant protein (NP_001117) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	50.1 kDa
AA Sequence	MAFAETYPAASSLPNGDCGRPRARPGGNRVTVVLGAQWGDEGKGKVVDLLAQDA DIVCRCQGGNNAGHTVVVDSVEYDFHLLPSGIINPNVTAFIGNGVVIHLPGLFEEAEK NVQKGKLEGWEKRLIISDRAHIVDFHQAADGIQEQQRQEAGKNLGTTKKGIGPV YSSKAARSGLRMCDLVSDFDGFSERFKVLANQYKSIYPTLEIDIEGELQKLKGYMEKI KPMVRDGVYFLYEALHGPPKILVEGANAAALLDIDFGTYPFVTSSNCTVGGVCTGLG MPPQNVGEVYGVVKAYTTRVGIGAFPTEQDNEIGELLQTRGREFGVTTGRKRRCG WLDLVLLKYAHMINGFTALALTKLDILDMFTEIKVGVAYKLDGEIIPHIPANQEVNLKVE VQYKTLPGWNTDISNARAFKELPVNAQNYVRFIEDELQIPVKWIGVGKSRESMIQLFT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

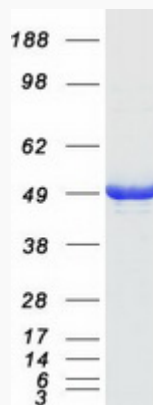
Gene Name	ADSS2 adenylosuccinate synthase 2 [Homo sapiens (human)]
Official Symbol	ADSS2
Synonyms	ADSS2; adenylosuccinate synthase 2; ADEH; ADSS; ADSS 2; adenylosuccinate synthetase isozyme 2; AMPSase 2; IMP--aspartate ligase 2; L-type adenylosuccinate synthetase; adenylosuccinate synthetase (Ade(-)H-complementing); adenylosuccinate synthetase, acidic isozyme; adenylosuccinate synthetase, liver isozyme; epididymis secretory sperm binding protein; EC 6.3.4.4
Gene ID	159
mRNA Refseq	NM_001126
Protein Refseq	NP_001117
MIM	103060
UniProt ID	P30520

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SDS-PAGE



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