

Recombinant Full Length Human ADSS2 Protein, C-Flag-tagged

Cat. No. ADSS2-266HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ADSS2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.9 kDa
AA Sequence	MAFAETYPAASSLPNGDCGRPRARPGGNRVTVVLGAQWGDEGKGKVVDLLAQDA DIVCRCQGGNNAGHTV VVDSVEYDFHLLPSGIINPNVTAFINGVVIHLPGLFEEAEK NVQKGKGLEGWEKRLIISDRAHIVDFDH QAADGIQEQQRQEAGKNLGTTKKGIGP VYSSKAARSGLRMCDLVSDFDGFSERFKVLANQYKSIYPTLE IDIEGELQKLKGYME KIKPMVRDGVYFLYEALHGPPKILVEGANAAALLDIDFGTYPFVTSSNCTVGGVC TG LGMPPQNVGEVYGWVKAYTTRVGIGAFPTEQDNEIGELLQTRGREFGVTTGRKRRC GWLDLVLLKYAH MINGFTALALTKLDILDMFTEIKVGVAYKLDGEIIPHIPANQEVLNK VEVQYKTLPGWNTDISNARAFKE LPVNAQNYVRFIEDELQIPVKWIGVGKSRESMIQLFTRTRPLEQKLISEEDLAANDILD

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	YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Alanine, aspartate and glutamate metabolism, Metabolic pathways, Purine metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	ADSS2 adenylosuccinate synthase 2 [Homo sapiens (human)]
Official Symbol	ADSS2
Synonyms	ADEH; ADSS
Gene ID	159
mRNA Refseq	NM_001126.5

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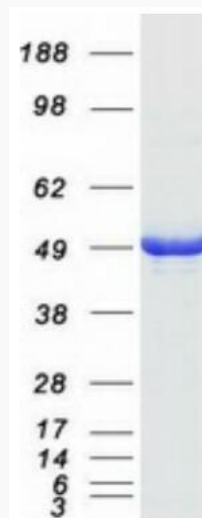
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Protein Refseq NP_001117.2

MIM 103060

UniProt ID P30520



Coomassie blue staining of purified ADSS protein.

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