

Recombinant Human ADSS1 Protein, Myc/DDK-tagged

Cat. No. ADSS1-05H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human adenylosuccinate synthase like 1 (ADSSL1), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a member of the adenylosuccinate synthase family of proteins. The encoded muscle-specific enzyme plays a role in the purine nucleotide cycle by catalyzing the first step in the conversion of inosine monophosphate (IMP) to adenosine monophosphate (AMP). Mutations in this gene may cause adolescent onset distal myopathy. Alternative splicing results in multiple transcript variants.
Molecular Mass	50 kDa
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 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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GENE INFORMATION

Gene Name ADSS1 adenylosuccinate synthase 1 [Homo sapiens (human)]

Official Symbol ADSS1

Synonyms ADSS1; adenylosuccinate synthase 1; MPD5; ADSSL1; adenylosuccinate synthetase isozyme 1; AMPSase 1; IMP--aspartate ligase 1; M-type adenylosuccinate synthetase; adSS 1; adenylosuccinate synthase like 1; adenylosuccinate synthetase, basic isozyme; adenylosuccinate synthetase, muscle isozyme; adenylosuccinate synthetase-like 1; EC 6.3.4.4

Gene ID 122622

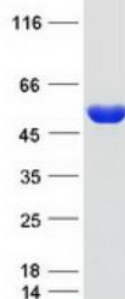
mRNA Refseq NM_152328

Protein Refseq NP_689541

MIM 612498

UniProt ID Q8N142

SDS-PAGE



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Coomassie blue staining of purified ADSSL1 protein. The protein was produced from HEK293T cells transfected with ADSSL1 cDNA clone using MegaTran 2.0.