

Recombinant Human ADSSL1 Protein, GST-tagged

Cat. No. ADSSL1-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADSSL1 full-length ORF (NP_689541.1, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Feb 2016]
Molecular Mass	76.6 kDa
AA Sequence	MSGTRASNDRPPGAGGVKRGRLQQEAAATGSRVTVLGAQWGDEGKGKVVDLLA TDADIISRCQGGNNAGHTVVVDGKEYDFHLLPSGIINTKAVSFIGNGVVIHLPLGFEEA EKNEKKGLKDWEKRLIISDRAHLVDFHQAVDGLQEVQRQAQEGKNIGTTKKGIGPT YSSKAARTGLRICDLLSDFDEFSSRFKNLAHQHQSMPFTEIDIEGQLKRLKGFAERI RPMVRDGVYFMYEALHGPPKKILVEGANAAALLDIDFGTYPFVTSSNCTVGGVCTGL GIPPQNIGDVYGVVKAYTTRVGIGAFPTEQINEIGLLQTRGHEWGVTTGRKRRCG WLDLMILRYAHMVNGFTALALTKLDILDVLGEVKVGVSYKLNKGKRIPIYFPANQEMLQ KVEVEYETLPGWKADTTGARRWEDLPPQAQNYIRFVENHVGVAVKWVGVGKSRES

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	MIQLF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ADSSL1 adenylosuccinate synthase like 1 [Homo sapiens]
Official Symbol	ADSSL1
Synonyms	ADSSL1; adenylosuccinate synthase like 1; adenylosuccinate synthetase isozyme 1; FLJ38602; adSS 1; AMPSase 1; IMP--aspartate ligase 1; M-type adenylosuccinate synthetase; adenylosuccinate synthetase, basic isozyme; adenylosuccinate synthetase, muscle isozyme;
Gene ID	122622
mRNA Refseq	NM_152328
Protein Refseq	NP_689541
MIM	612498

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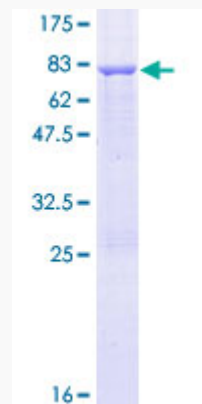
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UniProt ID

Q8N142

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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