

Recombinant Human ADSSL1 Protein, GST-tagged

Cat. No. ADSSL1-393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADSSL1 partial ORF (NP_689541.1, 369 a.a. - 436 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	33.22 kDa
AA Sequence	VLGEVKVGVSYKLNKGKRIPIYPANQEMLQKVEVEYETLPGWKADTTGARRWEDLP PQAQNYIRFVENH
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.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

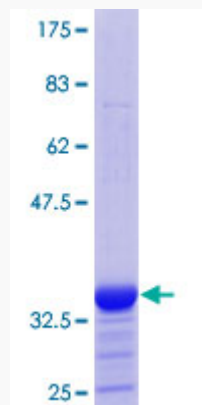
MIM [612498](#)

UniProt ID [Q8N142](#)

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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