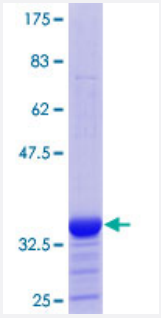
ADSSL1 (Human) Recombinant Protein (Q01)

Catalog # H00122622-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADSSL1 partial ORF (NP_689541.1, 369 a.a. - 436 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VLGEVKVGVSYKLNGKRIPYFPANQEMLQKVEVEYETLPGWKADTTGARRWEDLPPQAQNYIRF VENH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.22
Interspecies Antigen Sequence	Rat (96)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ADSSL1

Entrez GeneID	122622
GeneBank Accession#	NM_152328
Protein Accession#	NP_689541.1
Gene Name	ADSSL1
Gene Alias	FLJ38602
Gene Description	adenylosuccinate synthase like 1
Gene Ontology	Hyperlink
Gene Summary	ADSSL1 is a muscle isozyme of adenylosuccinate synthase (EC 6.3.4.4), which catalyzes the initial reaction in the conversion of inosine monophosphate (IMP) to adenosine monophosphate (AMP) (Sun et al., 2005 [PubMed 15786719]).[supplied by OMIM
Other Designations	adenylosuccinate synthase-like 1

Pathway

- Alanine
- Biosynthesis of alkaloids derived from histidine and purine
- Metabolic pathways
- Purine metabolism

Disease

- Kidney Failure