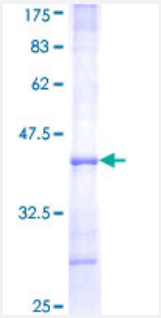
DARS (Human) Recombinant Protein (Q01)

Catalog # H00001615-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DARS partial ORF (NP_001340, 393 a.a. - 500 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	KYPLAVRPFYTMPDPRNPKQSNSYDMFMRGEEILSGAQRIHDPQLLTERALHHGIDLEKIKAYIDSF RFGAPPHAGGGIGLERVTMLFLGLHNVRQTSMFPRDPKRLT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
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 — DARS

Entrez GeneID	1615
GeneBank Accession#	NM_001349
Protein Accession#	NP_001340
Gene Name	DARS
Gene Alias	DKFZp781B11202, MGC111579
Gene Description	aspartyl-tRNA synthetase
Omim ID	603084
Gene Ontology	Hyperlink
Gene Summary	Aspartyl-tRNA synthetase (DARS) is part of a multienzyme complex of aminoacyl-tRNA synthetases. Aspartyl-tRNA synthetase charges its cognate tRNA with aspartate during protein biosynthesis. [provided by RefSeq
Other Designations	aspartate tRNA ligase 1, cytoplasmic|cell proliferation-inducing protein 40

Pathway

- Aminoacyl-tRNA biosynthesis