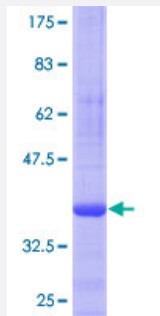


GLE1L (Human) Recombinant Protein (Q01)

Catalog # H00002733-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GLE1L partial ORF (NP_001003722.1, 140 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RMKGTEGLRLWQEEQERKVQALSEMASEQLKRFDEWKELQKHKEFQDLREVMEKSSREALGH QEKLKAEHRHRAKILNLKLREAEQQRVKQAEQERLRKEE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (91); Rat (92)
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 — GLE1

Entrez GeneID [2733](#)

GeneBank Accession# [NM_001003722](#)

Protein Accession# [NP_001003722.1](#)

Gene Name GLE1

Gene Alias GLE1L, LCCS, LCCS1, hGLE1

Gene Description GLE1 RNA export mediator homolog (yeast)

Omim ID [603371](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a predicted 75-kDa polypeptide with high sequence and structure homology to yeast Gle1p, which is nuclear protein with a leucine-rich nuclear export sequence essential for poly(A)+RNA export. Inhibition of human GLE1L by microinjection of antibodies against GLE1L in HeLa cells resulted in inhibition of poly(A)+RNA export. Immunofluorescence studies show that GLE1L is localized at the nuclear pore complexes. This localization suggests that GLE1L may act at a terminal step in the export of mature RNA messages to the cytoplasm. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations GLE1 RNA export mediator homolog|GLE1 RNA export mediator-like|GLE1-like, RNA export mediator|OTTHUMP00000022280|OTTHUMP00000022281

Disease

- [Tobacco Use Disorder](#)