

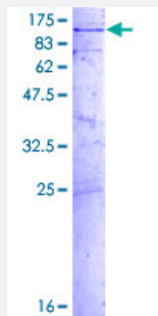
Full-Length

GLE1 (Human) Recombinant Protein (P01)

Catalog # H00002733-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GLE1 full-length ORF (AAH30012.1, 1 a.a. - 698 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPSEGRWCWETLKALRSSDKGRLCYYRDWLLRREDVLEECMSLPKLSSYSGWVVEHVLPHMQE
NQPLSETSPSSTSASALDQPSFVPKSPDASSAFSPASPATPNGTKGKDESHQTESMVLQSSRGI
KVEDCVRMYELVHRMKGTEGLRLWQEEQERKVQALSEMASEQLKRFDEWKELQHKQFQDLR
EVMKSSREALGHQEKLAEHRHRAKILNLKLREAEQQRVKQAEQERLRKEEGQIRLRALYALQE
EMLQLSQQLDASEQHKALLKVDLAAFQTRGNQLCSLISGIRASSESSYPTAESQAEAEALREM
RDLLMNLGQEITRACEDKRRQDEEEAQVKLQEAQMQQGPEAHKEPPAPSQGGKQNEIDLQV
KVQDITMQWYQQLQDASMQCVLTFEGLTNSKDSQAKKIKMDLQKAATIPVSQISTAGSKLKEIFDK
IHSLLSGKPVQSGGRSVSVTLNPQGLDFVQYKLAKEFVKQGEEEVASHHEAFAPIAVVASGMWEL
HPRVGDILAHHLHKKCPYSVPFYPTFKEGMALEDYQRMGLGYQVKDSKVEQQDNFLKRMSGMIRLY
AAIQLRWPYGNQGEIHPHGLNHGWRWLAQILNMEPLSDVTATLLFDFLEVCGNALMKQYQVQFW
KMLILKEDYFPRIEAITSSGQMGSFIRLQKQFLEKCLQHKDIPVPGFGLTSSFWRS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

106.3

Interspecies Antigen Sequence

Mouse (82); Rat (83)

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#	BC030012.1
Protein Accession#	AAH30012.1
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](#)