

Recombinant Human GLE1

Cat. No. GLE1-29066TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 140-240 of Human GLE1 with an N terminal proprietary tag; Predicted MWt 36.74 kDa
Species	Human
Source	Wheat Germ
ProteinLength	101 amino acids
Description	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.
Molecular Weight	36.740kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	RMKGTGLRLWQEEQERKVQALSEMASEQLKRFDEWKELK QHKEFQDLREVMEK SSREALGHQEKLKAEHRHRAKILNLK LREAEQQRVKQAEQERLRKEE
Sequence Similarities	Belongs to the GLE1 family.

GENE INFORMATION

Gene Name	GLE1 GLE1 RNA export mediator homolog (yeast) [Homo sapiens]
Official Symbol	GLE1
Synonyms	GLE1; GLE1 RNA export mediator homolog (yeast); GLE1 (yeast homolog) like, RNA export mediator , GLE1 RNA export mediator (yeast) , GLE1 RNA export mediator like (yeast) , GLE1L, LCCS1, lethal congenital contracture syndrome 1; nucleoporin GLE1; hGLE1;
Gene ID	2733
mRNA Refseq	NM_001003722
Protein Refseq	NP_001003722
MIM	603371
Uniprot ID	Q53GS7

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Chromosome	9q34.13
Location	

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