

Datasheet for ABIN7548012  
**GLE1 Protein (AA 1-698) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GLE1
Protein Characteristics:	AA 1-698
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLE1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GLE1 Protein expressed in mammalian cells.
Sequence:	<p>MPSEGRWCWET LKALRSSDKG RLCYYRDWLL RREDVLEECM SLPKLSSYSG WVEHVLPHM</p> <p>QENQPLSETS PSSTSASALD QPSFVPKSPD ASSAFSPASP ATPNGTKGKD ESQHTESMVL</p> <p>QSSRGIKVEG CVRMYELVHR MKGTEGLRLW QEEQERKVQA LSEMASEQLK RFDEWKELKQ</p> <p>HKEFQDLREV MEKSSREALG HQEKLKAEHR HRAKILNLKL REAEQQRVKQ AEQERLRKEE</p> <p>GQIRLRALYA LQEEMQLSQ QLDASEQHKA LLKVDLAAFQ TRGNQLCSLI SGIIRASSES</p> <p>SYPTAESQAE AERALREMRD LLMNLGQEIT RACEDKRRQD EEEAQVKLQE AQMQQGPEAH</p> <p>KEPPAPSQGP GKGQNEQLQV KVQDITMQWY QQLQDASMQC VLTFEGLTNS KDSQAKKIKM</p> <p>DLQKAATIPV SQISTIAGSK LKEIFDKIHS LLSGKPVQSG GRSVSVTLNP QGLDFVQYKL</p> <p>AEKFVKQGEV EVASHHEAAF PIAVASGIW ELHPRVGDLI LAHLHKKCPY SVPFYPTFKE</p> <p>GMALEDYQRM LGYQVKDSKV EQQDNFLKRM SGMIRLYAAI IQLRWPYGNR QEIHPhGLNH</p> <p>GWRWLAQILN MEPLSDVTAT LLFDFLEVCG NALMKQYQVQ FWKMLILIKE DYFPRIEAIT</p> <p>SSGQMGSFIR LKQFLEKCLQ HKDIPVPKGF LTSSFWRS <b>Sequence without tag. The proposed</b></p>

**Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

**Target:** GLE1

**Alternative Name:** GLE1 ([GLE1 Products](#))

**Background:** mRNA export factor GLE1 (hGLE1) (GLE1 RNA export mediator) (GLE1-like protein) (Nucleoporin GLE1),FUNCTION: Required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm. May be involved in the terminal step of the mRNA transport through the nuclear pore complex (NPC). {ECO:0000269|PubMed:12668658, ECO:0000269|PubMed:16000379, ECO:0000269|PubMed:9618489}.

**Molecular Weight:** 79.8 kDa

**UniProt:** [Q53GS7](#)

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months