

Recombinant Human GUF1 protein, GST-tagged

Cat. No. GUF1-185H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUF1(1 a.a. - 645 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	22-695 a.a.
Description	GUF1 played an important role in many functions.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	98 kDa
AA Sequence	<p>MWTLVGRGWGCARALAPRATGAALLVAPGPRSAPTLGAAPESWATDRLYSSAEFK EKPDMRSRFPVENIRNFSIVA HVDHGKSTLADRLELTGTIDKTKNNKQVLDKLQVER ERGITVKAQTASLFYNCEGKQYLLNLIDTPGHVDFSYE VSRSLACQGVLVVDANE GIQAQTVANFFLAFAEQLSVIPVINKIDLKNADPERVENQIEKVFDIPSDECIKIS AKLG TNVESVLQAIIRIPPKVHRKNPLRALVFDSTFDQYRGVIANVALFDGVVSKGDKIVS AHTQKTYEVNEV GVLNPNEQPTHKLYAGQVGYLIAGMKDVTEAQIGDTLCLHKQPV EPLPGFKSAKPMVFAGMYPLDQSEYNNLKSA IEKLTLNDSSVTVHRDSSLALGAGW RLGFLGLLHMEVFNQRLEQEYNASVILTTPTVPYKAVLSSSKLIKEHREK EITIINPAQ FPDKSKVTEYLEPVVLGTIITPDEYTGKIMMLCEARRAVQKNMIFIDQNRVMLKYLFP NEIVVDF YDSLKSLSSGYASFDYEDAGYQTAELVKMDILLNGNTVEELVTVVHKDKA</p>

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HSIGKAICERLKDSLPRQLFEIAIQ AAIGSKIIARETVKAYRKNVLAKCYGGDITRKMKL
LKRQAEGKKS

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

[GUF1](#) [GUF1](#) [GTPase homolog \(S. cerevisiae\)](#) [[Homo sapiens](#)]

Official Symbol

[GUF1](#)

Synonyms

GUF1; GUF1 GTPase homolog (S. cerevisiae); translation factor GUF1,
mitochondrial; FLJ13220; GTPase GUF1; ribosomal back-translocase; elongation
factor 4 homolog; GTPase of unknown function 1; GTP-binding protein GUF1
homolog; EF-4;

Gene ID

[60558](#)

mRNA Refseq

[NM_021927](#)

Protein Refseq

[NP_068746](#)

MIM
UniProt ID

[Q8N442](#)

Chromosome

4p13

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Location

Function

GTP binding; GTPase activity; hydrolase activity; nucleotide binding;

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