

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	MWTLVGRGWG CARALAPRATGAALLVAPGPR SAPTLGAAPESWATDRLYSSAEFK EKPDM SRFPVENIRNFSIVA HVDHGKSTLADR LLELTGTIDKTKNNKQVLDKLQVER ERGITVKAQTASLFYNCEGKQYLLNLIDTPGHVDFS YE VSRSL SACQGVLLVVDANE GIQAQTVANFFLA FEALSVIPVINKIDLKNADPERVENQIEKVFDIPSDECIKIS AKLG TNVESVLQAI ERIPPPKVHRKNPLRALVFDSTFDQYRGVIANVALFDGVVSKGDKIVS AHTQKTYEVNEV GVLNPNEQPTHKLYAGQVG YLIAGMKDVTEAQIGDTLCLHKQPV EPLPGFKSAKPMVFAGMYPLDQSEYNNL KSA IEKLT LNDSSVTVHRDSSLALGAGW RLGFLG LLHMEVFNQRLEQEYNASVILTTPVPYKAVLSSSKLIKEHREK EITIINPAQ FPDKSKVTEYLEPVVLGTIITPDEYTGKIMMLCEARRAVQKNMIFIDQNRV MLKYL FPL NEIVVDF YDSLKSLSSGYASF DYEDAGYQTAELVKMDILLNGNTVEELVT VVHKDKA

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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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