

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	MWTLVGRGWGCARALAPRATGAALLVAPGPRSAPTLGAAPESWATDRLYSSAEFK EKPDMRSRFPVENIRNFSIVA HVDHGKSTLADRILLELTGTIDKTKNNKQVLDKLQVER ERGITVKAQTASLFYNCEGKQYLLNLIDTPGHVDFSYE VSRSLACQGVLLVVDANE GIQAQTVANFFLAFAEQLSVIPVINKIDLNADPERVENQIEKVFDIPSDECIKIS AKLG TNVESVLQAIERIPPPKVHRKNPLRALVFDSTFDQYRGVIANVALFDGVVSKGDKIVS AHTQKTYEVNEV GVLNPNEQPTHKLYAGQVGyliAGMKDVTEAQIGDTLCLHKQPV EPLPGFKSAKPMVFAGMYPLDQSEYNNLKSA IEKLTLDSSVTVHRDSSLALGAGW RLGFLGLLHMEVFNQRLEQEYNASVILTTPVPYKAVLSSSKLIKEHREK EITIINPAQ FPDKSKVTEYLEPVVLGTIITPDEYTGKIMMLCEARRAVQKNMIFIDQNRVMLKYLFPPL NEIVVDF YDSLKSLSSGYASFYEDAGYQTAELVKMDILLNGNTVEELVTVVHKDKA

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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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