

Full-Length

GBP6 (Human) Recombinant Protein (P01)

Catalog # H00163351-P01 Size 25 ug, 10 ug

Applications

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Specification

Product Description	Human GBP6 full-length ORF (NP_940862.1, 1 a.a. - 633 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MESGPKMLAPVCLVENNNEQLLVNQQAIQILEKISQPVVVVAIVGLYRTGKSYLMNHLAQNHGFP LGSTVQSETKGMMWCVPHPSKPNHTLVLLDTEGLGDVEKGDPKNDWIFALAVLLCSTFVYNS MSTINHQALEQLHYVTELTelikakSSRPDGVEDSTEFVSFFPDFLWTVRDFtLELKLNGHPITED EYLENALKLIQGNNPRVQTSNFPRECIRRFfPKRKCFVDRPTNDKDLLANIEKVSEKQLDPKFQE QTNIFCSYIFTHARTKTLREGITVTGNRLGTLAVTYEAINSGAVPCLENAVITLAQRENSAAVQRAS DYYSQQMAQRVKFPTDTLQELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLL QNEESSVQYCQAKLNELSKGLMESISAGSFSPGGHKLYMETKERIEQDYWQVPRKGVKAKEVF QRFLESQMVEESILQSDKALTDREKAVAVDRAKKEAAEKEQELLKQKLQEQQQQMEAQVKSrk ENIAQLKEKLQMEREHLlREQIMMLEHTQKVQNDWLHEGFKKKYEEMNAEISQFKRMIDTTKNDD TPWIARTLDNLADELTAILSAPAKLIGHGVKGVSSLFKKHKLPF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	98.8
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — GBP6

Entrez GeneID	163351
GeneBank Accession#	NM_198460.1
Protein Accession#	NP_940862.1
Gene Name	GBP6
Gene Alias	DKFZp686G0786, FLJ39135
Gene Description	guanylate binding protein family, member 6
Gene Ontology	Hyperlink
Gene Summary	Guanylate-binding proteins, such as GBP6, are induced by interferon and hydrolyze GTP to both GDP and GMP (Olszewski et al., 2006 [PubMed 16689661]).[supplied by OMIM]
Other Designations	OTTHUMP00000011819

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)