

Recombinant Full Length Human GBP6 Protein, GST-tagged

Cat. No. GBP6-5155HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBP6 full-length ORF (NP_940862.1, 1 a.a. - 633 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	633 amino acids
Description	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
Molecular Mass	98.8 kDa
AA Sequence	MESGPKMLAPVCLVENNNEQLLVNQQAILEKISQPVVVVAIVGLYRTGKSYLMNHL AGQNHGFPLGSTVQSETKGIWMWCVPHPSKPNHTLVLLDTEGLGDVEKGDPKNDS WIFALAVLLCSTFVYNSMSTINHQALEQLHYVTELTelikakSSPRPDGVEDSTEFVS FFPDLFWTVRDFTLELKLNGHPITEDEYLENALKLIQGNPRVQTSNFPRECIRRRFFP KRKCFVFDRPTNDKDILLANIEKVSEKQLDPKFQEQTNIIFCSYIFTHARTKTLREGITVT GNRLGTLAVTYVEAINSGAVPCLENNAVITLAQRENSAAVQRASDYYSQQMAQRVKF PTDTLQELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLLQNEES SVQYCQAKLNELSKGLMESISAGSFSVPGGHKLYMETKERIEQDYWQVPRKGVKAK EVFQRFLESQMVEESILQSDKALTDREKAVAVDRAKKEAAEKEQELLKQKLQEQQQ QMEAQVKSRENIAQLKEKLQMERHLLREQIMMLEHTQKVQNDWLHEGFKKKYE

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	EMNAEISQFKRMIDTTKNDDTPWIARTLDNLADELTAILSAPAKLIGHGVKGVSSLFKK HKLPF
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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GBP6 guanylate binding protein family, member 6 [Homo sapiens]
Official Symbol	GBP6
Synonyms	GBP6; guanylate binding protein family, member 6; guanylate-binding protein 6; DKFZp686G0786; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6; FLJ39135;
Gene ID	163351
mRNA Refseq	NM_198460
Protein Refseq	NP_940862
MIM	612467

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UniProt ID

Q6ZN66

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