

Recombinant Full Length Human GBP6 Protein, GST-tagged

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

SPECIFICATION

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| 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 | MESGPKMLAPVCLVENNNEQLLVNQQAIIQILEKISQPVVVVAIVGLYRTGKSYLMNHL AGQNHGFPLGSTVQSETKGIWMWCVPHPSKPNHTLVLLDTEGLGDVEKGDPKNDS WIFALAVLLCSTFVYNSMSTINHQALEQLHYVTELTelikakSSPRPDGVEDSTEFVS FFPDFLWTVRDFTELKLNHPITEDEYLENALKLIQGNPRVQTSNFPRECIRRRFFP KRKCFVFDRPTNDKDLLANIEKVSEKQLDPKFQEQTNIFCSYIFTHARTKTLREGITVT GNRLGTLAVTYVEAINSGAVPCLENAVITLAQRENSAAVQRASDYYSQMAQRVKF PTDTLQELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLLQNEES SVQYCQAKLNELSKGLMESISAGSFSVPGGHKLYMETKERIEQDYWQVPRKGVKAK EVFQRFLESQMVIEESILQSDKALTDREKAVAVDRAKKEAAEKEQELLKQKLQEQQQ QMEAQVKSRENIAQLKEKQLMEREHLLREQIMMLEHTQKVQNDWLHEGFKKKYE |

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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

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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