

Recombinant Full Length Human GBP4 Protein, GST-tagged

Cat. No. GBP4-5526HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBP4 full-length ORF (AAH70055.1, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	640 amino acids
Description	Guanylate-binding proteins, such as GBP4, are induced by interferon and hydrolyze GTP to both GDP and GMP (Vestal, 2005 [PubMed 16108726]).[supplied by OMIM
Molecular Mass	99.6 kDa
AA Sequence	MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAI VGLYRTGKSYLMNRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTE GLGDVEKSNPKNDWIFALAVLLSSSFVYNSVSTINHQALEQLHYVTELAELIRAKSC PRPDEAEDSSEFASFFPDFIWTVRDFTLELKL DGNPITEDEYLENALKLIPGKNPKIQN SNMPRECIRHFFRKRKCFVFD RPTNDKQYLNHMDDEVPEENLERHFLMQSDNFC SYI FTHAKTKTLRKGIIVTGKRLGTLVVTYVD AINS GAVPCLEN AVTALA QLENPAAVQRA ADHYSQQMAQQRLRLPTDTLQELLDVHAACEREAIAVFMHSFKDENHEFQKKLVDTI EKKKGDFVLQNEEASAKYCQAE LKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEW DYKLVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKE QELLREKQKEQQQMMEAQERSFQEYMAQMEKKLEEEERENLLREHERLLKHKLVQ EEMLKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG

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	VGTKYLGSRI
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	GBP4 guanylate binding protein 4 [Homo sapiens]
Official Symbol	GBP4
Synonyms	GBP4; guanylate binding protein 4; guanylate-binding protein 4; Mpa2; GBP-4; GTP-binding protein 4; guanine nucleotide-binding protein 4;
Gene ID	115361
mRNA Refseq	NM_052941
Protein Refseq	NP_443173
MIM	612466
UniProt ID	Q96PP9

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