

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
Protein Length	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	<p>MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAI VGLYRTGKSYLMNRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTE GLGDVEKSNPKNDWIFALAVLLSSSFVYNSVSTINHQALEQLHYVTELAELIRAKSC PRPDEAEDSSEFASFFPDFIWTVRDFTLELKLGDGNPITEDEYLENALKLIPGKNPKIQN SNMPRECIRHFFRKRKCFVFDPRPTNDKQYLNHMDEVPEENLERHFLMQSDNFCSYI FTHAKTKTLRKGIIVTGKRLGTLVVITYVDAINSGAVPCLENAVTALAQLENPAAVQRA ADHYSQQMAQQLRLPTDTLQELLDVHAACEREAIAVFMHSFKDENHEFQKKLVDTI EKKKGDFVLQNEEASAKYCQAEKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEW DYKLVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKE QELLREKQKEQQMMEAQERSFQEYMAQMEKKLEEEERENLLREHERLLKHKLKVQ EEMLKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG</p>

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VGTKYLGSR I

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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