

Recombinant Human GBP4 Protein, GST-tagged

Cat. No. GBP4-4779H 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 Wheat Germ

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
 GLGDVEKSNPKNDSWIFALAVLLSSSFVYNSVSTINHQALEQLHYVTELAELIRAKSC
 PRPDEAEDSSEFASFFPDFIWTVRDFTLELKLKLDGNPITEDEYLENALKLIPGKNPKIQN
 SNMPRECIRHFFRKRKCFVDRPTNDKQYLNHMDEVPEENLERHFLMQSDNFCSYI
 FTHAKTKTLRKGIIVTGKRLGTLVVITYVDAINSGAVPCLENAVTALAQLENPAAVQRA
 ADHYSQQMAQQLRLPTDTLQELLDVHAACEREAIAVFMESFKDENHEFQKKLVDTI
 EKKKGDFVLQNEEASAKYCQAEKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEW
 DYKLVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKE
 QELLREKQKEQQMMEAQERSFQEYMAQMEKKLEEEERENLLREHERLLKHKLKVQ
 EEMLKKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG
 VGTKYLGSRI

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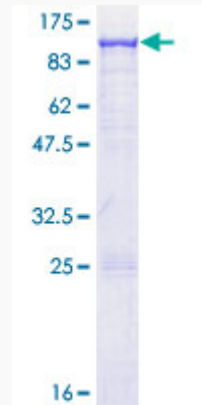
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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