

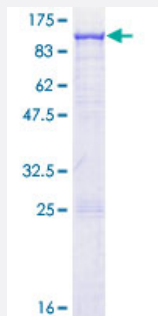
Full-Length

GBP4 (Human) Recombinant Protein (P01)

Catalog # H00115361-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GBP4 full-length ORF (AAH70055.1, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAVGLYRTGKS
YLMNRLAGKRNGFPLGSTVQSETKGWMWCVPHLSKPNHTLVLLDTEGLGDVEKSNPKNDWIF
ALAVLLSSSFVYNSVSTINHQALEQLHYVTELAELIRAKSCRPDEAEDSSEFASFFPDFWTVRD
FTLELKLDGNPITEDEYLENALKLIPGKNPKIQNSNMPRECIRHFFRKRKCFVDRPTNDKQYLNHM
DEVPEENLERHFLMQSDNFCSYIFTHAKTKLRKGIIVTGKRLGTLVVTVDAINS GAVPCLENAV
TALAQLENPAAVQRAADHYSQQMAQQLRLPTDTLQELLDVHAACEREAIAVFMESFKDENHEFQ
KKLVDTIEKKKGDFVLQNEEASAKYCQAEKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEWDY
KLVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKEQELLREKQK
EQQQMMEAQERSFQEYMAQMEKKLEEEERENLLREHERLLKHKLVQEEMLKEEFQKKSEQLNK
EINQLKEKIESTKNEQLRLKILDMASNIMVTLPGASKLLGVGTKYLGSR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

99.6

Interspecies Antigen Sequence

Mouse (70)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GBP4

Entrez GeneID	115361
GeneBank Accession#	BC070055.1
Protein Accession#	AAH70055.1
Gene Name	GBP4
Gene Alias	Mpa2
Gene Description	guanylate binding protein 4
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000012394

Disease

- [Tobacco Use Disorder](#)