

Recombinant Human GBP4 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. GBP4-294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GBP4 MS Standard C13 and N15-labeled recombinant protein (NP_443173) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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, Dec 2008]
Molecular Mass	73.2 kDa
AA Sequence	MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAI VGLYRTGKSYLMNRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTE GLGDVEKSNPKNDWIFALAVLLSSSFVYNSVSTINHQALEQLHYVTELAELIRAKSC PRPDEAEDSSEFASFFPDFIWTVRDFTLELKL DGNPITEDEYLENALKLIPGKNPKIQN SNMPRECIRHFFRKRKCFVDRPTNDKQYLNHMDDEVPEENLERHFLMQSDNFC SYI FTHAKTKTLRKGIIVTGKRLGTLVVITYVD AINS GAVPCLEN AVTALA QLENPA AVQRA ADHYSQQMAQQLRLPTDTLQELLDVHAACEREAIAVFMESFKDENHEFQKKLVDTI EKKKGDFVLQNEEASAKYCQAE LKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEW DYKLVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKE QELLREKQKEQQQMMEAQERSFQEYMAQMEKKLEEEERENLLREHERLLKHKLVQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EEMLKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG
VGTKYLGSRITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GBP4 guanylate binding protein 4 [Homo sapiens (human)]

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](#)

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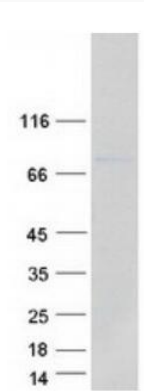
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q96PP9

SDS-PAGE



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66 —
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