

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

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

## SPECIFICATION

<b>Product Overview</b>	GBP4 MS Standard C13 and N15-labeled recombinant protein (NP_443173) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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]
<b>Molecular Mass</b>	73.2 kDa
<b>AA Sequence</b>	<p>MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAI  VGLYRTGKSYLMNRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTE  GLGDVEKSNPKNDSWIFALAVLLSSSFVYNSVSTINHQALEQLHYVTELAELIRAKSC  PRPDEAEDSSEFASFFPDFIWTVRDFTLELKL DGNPITEDEYLENALKLIPGKNPKIQN  SNMPRECIRHFFRKRKCFVDRPTNDKQYLNHMDEVPEENLERHFLMQSDNFCSYI  FTHAKTKTLRKGIIVTGKRLGTLVVITYVDAINSGAVPCLENAVTALAQLENPAAVQRA  ADHYSQQMAQQLRLPTDTLQELLDVHAACEREAIAVFMESFKDENHEFQKKLVDTI  EKKKGDFVLQNEEASAKYCQAEKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEW  DYKLVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKE  QELLREKQKEQQQMMEAQERSFQEYMAQMEKKLEERENLLREHERLLKHKLKVQ</p>

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EEMLKKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG  
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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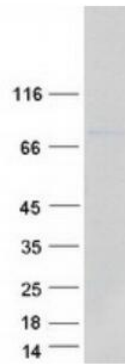
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UniProt ID

Q96PP9

SDS-PAGE



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