

Recombinant Human GBP3 protein, His & T7-tagged

Cat. No. GBP3-1687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBP3 aa. (Thr35~Lys276 (Accession # Q9H0R5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr35~Lys276
Description	This gene encodes a member of the guanylate-binding protein (GBP) family. GBPs specifically bind guanine nucleotides (GMP, GDP, and GTP) and contain two of the three consensus motifs found in typical GTP-binding proteins. The encoded protein interacts with a member of the germinal center kinase family. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	6.2

GENE INFORMATION

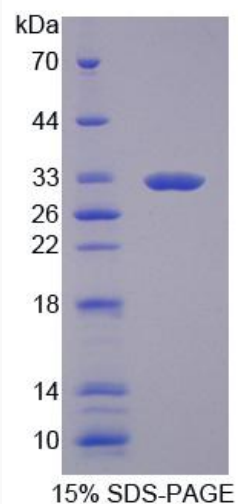
Gene Name	GBP3 guanylate binding protein 3 [Homo sapiens (human)]
Official Symbol	GBP3
Synonyms	GBP3; guanylate binding protein 3; guanylate-binding protein 3; GTP-binding protein 3; guanine nucleotide-binding protein 3; guanylate-binding protein 3 delta C
Gene ID	2635
mRNA Refseq	NM_018284.2
Protein Refseq	NP_060754.2
UniProt ID	Q9H0R5

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SDS-PAGE



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