

Recombinant Human GBP1 protein, His-tagged

Cat. No. GBP1-6940H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBP1 protein(AAA35871.1) (Met 1-Cys 589) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-589 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human GBP1 comprises 600 amino acids and has a predicted molecular mass of 69 kDa. rhGBP1 migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

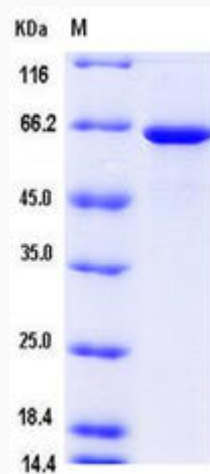
Gene Name	GBP1 guanylate binding protein 1, interferon-inducible [Homo sapiens]
Official Symbol	GBP1
Synonyms	GBP1; guanylate binding protein 1, interferon-inducible; guanylate binding protein 1, interferon inducible, 67kDa; interferon-induced guanylate-binding protein 1; GBP-1; huGBP-1; GTP-binding protein 1; guanine nucleotide-binding protein 1; guanylate binding protein 1, interferon-inducible, 67kDa;
Gene ID	2633
mRNA Refseq	NM_002053
Protein Refseq	NP_002044
MIM	600411
UniProt ID	P32455

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SDS-PAGE



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