

Recombinant Human GBP2 protein(Met1-Cys588), His-tagged

Cat. No. GBP2-8632H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBP2 (AAH73163.1) (Met1-Cys588) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Cys588
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human GBP2 consists of 599 amino acids and predicts a molecular mass of 68.3 KDa. It migrates as an approximately 62 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GBP2 guanylate binding protein 2, interferon-inducible [Homo sapiens]
Official Symbol	GBP2
Synonyms	GBP2; guanylate binding protein 2, interferon-inducible; interferon-induced guanylate-binding protein 2; GBP-2; huGBP-2; GTP-binding protein 2; guanine nucleotide-binding protein 2; DKFZp451C2311;
Gene ID	2634
mRNA Refseq	NM_004120
Protein Refseq	NP_004111
MIM	600412
UniProt ID	P32456

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