

Recombinant Human GBP6 protein, His & T7-tagged

Cat. No. GBP6-1257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBP6 aa. (Ser35~Arg277 (Accession # Q6ZN66) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser35~Arg277
Description	Guanylate-binding proteins, such as GBP6, are induced by interferon and hydrolyze GTP to both GDP and GMP (Olszewski et al., 2006 [PubMed 16689661]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.5kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 ddH₂O.

GENE INFORMATION

Gene Name

GBP6 guanylate binding protein family member 6 [Homo sapiens (human)]

Official Symbol

GBP6

Synonyms

GBP6; guanylate binding protein family member 6; guanylate-binding protein 6; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6

Gene ID

163351

mRNA Refseq

NM_198460.2

Protein Refseq

NP_940862.2

UniProt ID

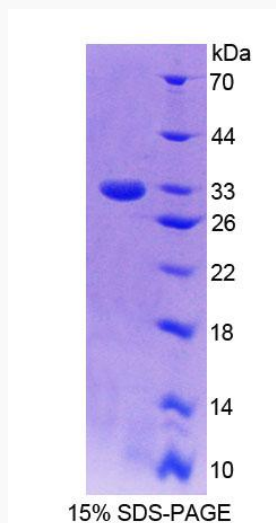
Q6ZN66

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SDS-PAGE



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