

Recombinant Human GBP4 protein, His-tagged

Cat. No. GBP4-3986H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBP4 protein(291-640 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	291-640 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AKTKTLRKGIIVTGKRLGTLVVITYVDAINS GAVPCLEN AVTALA QLEN PAAVQRAADH YSQQMAQQRLRLPTDTLQELLDVHAACEREAIAVFMESFKDENHEFQKKLVDTIEKK KGDFVLQNEEASAKY CQAE LKRLSEHLTESILRGIFSVPGGHNLYLEEKQVWDYK LVPRKGVKANEVLQNFLQSQVVVEESILQSDKALTAGEKSIAAERAMKEAAEKEQEL LREKQKEQQQMMEAQERSFQEYMAQMEKKLEEEERENLLREHERLLKHKLKVQEEM LKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLGVGT KYLGSRI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name GBP4 guanylate binding protein 4 [Homo sapiens]

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](#)

UniProt ID [Q96PP9](#)

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