

Recombinant Human G3BP1 protein(1-466aa), His-tagged

Cat. No. G3BP1-2933H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human G3BP1 protein(Q13283)(1-466aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-466 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MVMEKPSPLLVGREFVRQYYTLLNQAPDMLHRFYGKNSSYVHGGLDSNGKPADAV
 YGQKEIHRKVM SQNFTNCHTKIRHVDAHATLNDGVVVQVMGLLSNNNQALRRFMQ
 TFVLAPEG SVANKFYVHNDIFRYQDEVFGGFVTEPQEESEEEVEEPEERQQTPEVV
 PDDSGTFYDQAVVSN DMEEHLEEPVAEPEPDPEPEPEQEPVSEIQEEKPEPVLEET
 APEDAQKSSSPAPADIAQTVQEDLRTFSWASVTSKNLPPSGAVPVTGIPPHVVKVPA
 SQPRPESKPESQIPPQRPQRDQRVREQRINIPPQRGPRPIREAGEQGDIEPRRMVR
 HPDSHQLFIGNLPHEVDKSELKDFQSYGNVVELRINSGGKLPNFGFVVFDDSEPVQ
 KVLSNRPIMFRGEVRLNVEEKKTRAAREGDRRDNRLRGPGGPRGGLGGGMRGPP
 RGGMVQKPGFGVGRGLAPRQ

GENE INFORMATION

Gene Name [G3BP1 GTPase activating protein \(SH3 domain\) binding protein 1 \[Homo sapiens \]](#)

Official Symbol [G3BP1](#)

Synonyms

G3BP1; GTPase activating protein (SH3 domain) binding protein 1; ras GTPase-activating protein-binding protein 1; G3BP; HDH VIII; Ras GTPase activating protein SH3 domain binding protein; G3BP-1; GAP binding protein; ATP-dependent DNA helicase VIII; GAP SH3 domain-binding protein 1; RasGAP-associated endoribonuclease G3BP; Ras-GTPase-activating protein SH3-domain-binding protein; HDH-VIII; MGC111040;

Gene ID [10146](#)

mRNA Refseq [NM_005754](#)

Protein Refseq [NP_005745](#)

MIM [608431](#)

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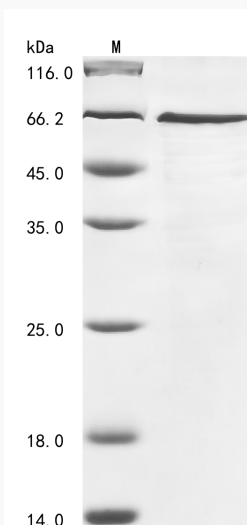
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UniProt ID

Q13283

SDS-PAGE



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