

# Human G3BP1 Recombinant Protein



RPPB1659

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## Product Information    Protein Information

**Product SKU:**

RPPB1659

**Accession:**

Q13283

**Host:**

Escherichia Coli.

**Protein description:**

G3BP1 Human Recombinant fused with an 8 amino acid His tag at C-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 474 amino acids (1-466 a.a.) and having a molecular mass of 53.2kDa. The G3BP1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Ras GTPase-activating protein-binding protein 1, G3BP-1, ATP-dependent DNA helicase VIII, hDH VIII, GAP SH3 domain-binding protein 1, G3BP1, G3BP, HDH-VIII, MGC111040.

**Formulation:**

The G3BP1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT and 100mM NaCl.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MVMEKPSPLL VGREFVRQYY TLLNQAPDML HRFYGNSSY VHGGLDNSGK PADAVYGQKE IHRKVMSQNF  
TNCHTKIRHV DAHATLNDGV VVQVMGLLSN NNQALRRFMQ TFVLAPEGSV ANKFYVHNDI FRYQDEVFGG  
FVTEPQESE EEVEEPEERQ QTPEVVPDDS GTFYDQAVS NDMEEHLEEP VAEPEPDPEP EPEQEPVSEI  
QEEKPEPVLE ETAPEDAQKS SSPAPADIAQ TVQEDLRTFS WASVTSKNLP PSGAVPVTGI PPHVVKVPAS  
QRPESKPES QIPPQRPQRD QRVREQRINI PPQRGPRPIR EAGEQGDIEP RRMVRHPDSH QLFIGNLPHE  
VDKSELKDFE QSYGNVVELR INSGGKLPNF GFVVFDDSEP VQKVLNRPV MFRGEVRLNV EEKTRAARE  
GDRRDNRLRG PGGPRGGLGG GMRGPPRGGM VQKPGFGVGR GLAPRQVEHH HHHH.