

**G3BP2, 1-449aa, Human, His tag, E.coli**

**Cat.NO.: TP02169**

3th Edition

**Synonyms:**Ras GTPase-activating protein-binding protein 2.

**Description:**G3BP2, also known as ras GTPase-activating protein-binding protein 2, is localized to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. This protein probably is scaffold protein that may be involved in mRNA transport. Recombinant human G3BP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.2M NaCl,2mM DTT, 0.1mM PMSF

**Molecular Weight:**53.3 kDa (473aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMVM EKPSLLV GREFVRQYYTLLNKAPEYLHRFYGRNSSYVHGGVDASG  
KPQEAVY GQNDIHHKVL SLNFSECHTKIRHVD AHATLS DGVVVQVMGLLSNSGQPERKFMQTFVLAPEGSVPNKF  
YVHNDMFRYEDEVFGDSEPELDEESEDEVEEEEQEERQPSPEPVQENANS GYYEAHPVTNGIEEPLEESSHEPEPE  
PESETKTEELKPQVEEKNLEEELEEKSTTPPPAEPVSLPQEPPKPRVEAKPEVQSQPPRVREQRPRERPGFPFRGP  
RPGRGDMEQNDSNRRRIIRYPDSHQLFVGNLPHDIDENELKEFFMSFGNVVELRINTKGVGGKLPNFGFVVFDDSE  
PVQRILIAKPI MFRGEVRLNVEEKKTRAARERETRGGGDDRRDIRRNDRGPGGPRGIVGGGMMRDRDGRGPPPR  
GGMAQKLGSGRGTGQMEGRFTGQRR

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.