

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:

MGSSHHHHHHSSGLVPRGSHMGSHMVMKPSPLLVGREFVRQYYTLLNKAPEYLHRFYGRNSSYVHGGVDASG
KPQEAVYQGNDIHHKVLNLFSECHTKIRHVDAHATLSDGVVVQVMGLLSNSGQPERKFMQTFVLAPEGSVPNKF
YVHNDMFRYEDEVFGDSEPELDEESEDEVEEEEQEERQPSPEPVQENANSGYEAAHPVTNGIEEPLEESSHEPEPE
PESETKTEELKPQVEEKNLEEELEEKSTTPPPAEPVSLPQEPPKPRVEAKPEVQSQPPRVREQRPRERPGFPFRGP
RPGRGDMEQNDSNRRRIIRYPDSHQLFVGNLPHDIDENELKEFFMSFGNVVELRINTKGVGGKLPNFGFVFDSE
PVQRILIAKPIEFRGEVRLNVEEKKTRAARERETRGGGDDRRDIRRNDRGPGGPRGIVGGGMMRDRDGRGPPPR
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.