

G3BP2 Human

Description: G3BP2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 473 amino acids (1-449) and having a molecular mass of 53.3kDa. G3BP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: ENPS-224

For research use only.

Synonyms: Ras GTPase-activating protein-binding protein 2, G3BP-2, GAP SH3 domain-binding protein 2, G3BP2, KIAA0660.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHVMMEKP SPLLVGREFV
RQYYTLLNKA PEYLHRFYGR NSSYVHGGVD ASGKPQEAVY GQNDIHHKVL SLNFSECHTK
IRHVDATL SDGVVVQVMG LLSNSGQPER KFMQTFVLAP EGSVPNKFYV HNDMFRYEDE
VFGDSEPELD EESEDEVEEEE QEERQPSPEP VQENANSGYY EAHPTVTNGIE EPLEESSHEP
EPEPESETKT EE

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The G3BP2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl, 2mM DTT and 0.1mM PMSF.

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.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Ras GTPase-activating protein-binding protein 2 (G3BP2) is restricted to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. G3BP2 may be a scaffold protein which might be involved in mRNA transport.

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