

Product Datasheet

Recombinant Human G3BP1 His Protein NBP1-50925-50ug

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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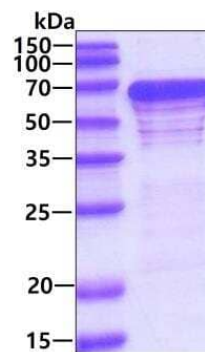
NBP1-50925-50ug**Recombinant Human G3BP1 His Protein**

Product Information	
Unit Size	50 ug
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>85%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 10% glycerol, 2 mM DTT, 100 mM NaCl
Target Molecular Weight	53.2 kDa
Product Description	
Description	A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 1-466 of Human G3BP1 Source: <i>E.coli</i> Amino Acid Sequence: MVMEKPSPLL VGREFVRQYY TLLNQAPDML HRFYGNSSY VHGGGLDSNGK PADAVYGQKE IHRKVMSQNF TNCHTKIRHV DAHATLNDGV VVQVMGLLSN NNQALRRFMQ TFVLAPEGSV ANKFYVHNDI FRYQDEVFGG FVTEPQEESE EEVEEPEERQ QTPEVVPDDS GTFYDQAVVS NDMEEHLEEP VAEPEPDPEP EPEQEPVSEI QEEKPEPVLE ETAPEDAQKS SSPAPADIAQ TVQEDLRTFS WASVTSKNLP PSGAVPVTGI PPHVVKVPAS QRPESKPES QIPPQRPQRD QRVREQRINI PPQRGPRPIR EAGEQGDIEP RRMVRHPDSH QLFIGNLPHE VDKSELKDFF QSYGNVVELR INSGGKLPNF GFVVFDSEP VQKVLSNRPI MFRGEVRLNV EEKKTRAARE GDRRDNRLRG PGGPRGGLGG GMRGPPRGGM VQKPGFGVGR GLAPRQVEHH HHHH
Gene ID	10146
Gene Symbol	G3BP1
Species	Human
Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page
Application Notes	Use in In vitro assay reported in scientific literature (PMID 24998844)



Images

SDS-Page: Recombinant Human G3BP1 His Protein [NBP1-50925] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



Publications

Yang T, Wang G, Zhang M et al. Triggering endogenous Z-RNA sensing for anti-tumor therapy through ZBP1-dependent necroptosis Cell reports 2023-11-02 [PMID: 37922310] (In vitro)

Dong R, Li X, Flores AD, Lai KO The translation initiating factor eIF4E and arginine methylation underlie G3BP1 function in dendritic spine development of neurons The Journal of biological chemistry 2023-07-11 [PMID: 37442236] (In vitro)

Sanders DW, Kedersha N, Lee DSW et al. Competing Protein-RNA Interaction Networks Control Multiphase Intracellular Organization Cell 2020-04-16 [PMID: 32302570] (WB)

Oi N, Yuan J, Malakhova M et al. Resveratrol induces apoptosis by directly targeting Ras-GTPase-activating protein SH3 domain-binding protein 1. Oncogene 2014-07-07 [PMID: 24998844] (In vitro)



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Products Related to NBP1-50925-50ug

NBP1-83404PEP	G3BP1 Recombinant Protein Antigen
H00023435-M01	TDP-43/TARDBP Antibody (2E2-D3)
H00010146-M01	G3BP1 Antibody (2F3)
NB600-302	c-Myc Antibody (9E10) - BSA Free

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