

GTPase Activating Protein (SH3 domain) Binding Protein 2 Human Re-

Item Number	rAP-1382
Synonyms	Ras GTPase-activating protein-binding protein 2, G3BP-2, GAP SH3 domain-binding protein 2, G3BP2, KIAA0660.
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.
Uniprot Accession Number	Q9UN86
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVMKEP SPLLVGREFV RQYYTLLNKA PEYLHRFYGR NSSYV-HGGVD ASGKPQEAVY GQNDIHHKVL SLNFSECHTK IRHVDATL SDGVVVQVMG LLSNSGQPER KFMQTFVLAP EGSVPNKFYV HNDMFYEDV VFGDSEPELD EESEDEVEEE QEERQPSPEP VQENANSYY EAHPTNGIE EPLEESSHEP EPEPESETKT EELKPQVEEK NLEELEEKST TPP-PAEPVSL PQEPPKPRVE AKPEVQSQPP RVREQRPRER PGFPFRGPRP GRGDMEQNDS DNRRIIRYPD SHQLFVGNLP HDIDENELKE FFMSFGNVVE LRINTKGVGG KLPNFGFVVF DDSEPVQRIL IAKPIMFRGE VRLNVEEKKT RAARERETRG GGDDRRDIRR NDRGPGGPRG IVGGGMMRDR DGRGPPPRGG MAQKLGSRG TGQMEGRFTG QRR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The G3BP2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl, 2mM DTT and 0.1mM PMSF. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**