

SH3-domain GRB2-like endophilin B2 Human Recombinant

Item Number	rAP-4786
Synonyms	PP6569, PP9455, Endophilin-B2, KIAA1848, SH3 domain-containing GRB2-like protein B2.
Description	SH3GLB2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 418 amino acids (1-395a.a.) and having a molecular mass of 46.4 kDa. SH3GLB2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NR46
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSMDFNMKK LASDAGIFFT RAVQFTEEFK GQAEKTELDA HFENLLARAD STKNWTEKIL RQTEVLLQPN PSARVEEFY EKLDRKVPSR VTNGELLAQY MADAASELGP TTPYGKTLIK VAEAEKQLGA AERDFIHTAS ISFLTPLRNF LEGDWKTISK ERRLLQNRRL DLDAACKARLK KAKAAEAKAT TVPDFQETRP RNYILSASAS ALWNDEVDKA EQELRVAQTE FDRQAEV- TRL LLEGISSTHV NHLRCLHEFV KSQTTYAQC YRHMLDLQKQ LGRFPGTFVG TTEPASPLS STSPTTAAAT MPVVPSVASL APPGEASLCL EEVAPPASGT RKARVLYDYE AADSSELALL ADELITVYSL
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	SH3GLB2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 85.0% 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**