

## 32-4843: Recombinant Human SH3-domain GRB2-like endophilin B2

**Alternative Name :** PP6569,PP9455,Endophilin-B2,KIAA1848,SH3 domain-containing GRB2-like protein B2.

### Description

Source : E.coli. 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. Endophilin-B2 (SH3GLB2) belongs to the endophilin B subgroup. The endophilins comprise a family of proteins that relates with amphiphysin, synaptojanin and dynamin and are involved in presynaptic vesicle trafficking at nerve terminals. The expression patterns of the endophilins are coherent with their cellular functions at the neuronal synapse. SH3GLB2 is ubiquitously expressed however presents highest levels in brain, adult lung, ovary, and spinal cord. Low levels of SH3GLB2 are found in Down syndrome and reflect brain dysgenesis.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 85.0% as determined by SDS-PAGE.
<b>Content :</b>	SH3GLB2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMDFNMKK LASDAGIFFT RAVQFTEEFK GQAEKTELDA HFENLLARAD STKNWTEKIL RQTEVLLQPN PSARVEEFY EKLDRKVPSR VTNGELLAQY MADAASELGP TTPYGKTLIK VAAAEKQLGA AERDFIHTAS ISFLTPLRNF LEGDWKTISK ERRLLQNRRL DLDACKARLK KAKAAEAKAT TVPDFQETRP RNYILSASAS ALWNDEVDKA EQELRVAQTE FDRQAEVTRL LLEGISSTHV NHLRCLHEFV KSQTTYAQC YRHMLDLQKQ LGRFPGTFVG TTEPASPLS STSPTTAAAT MPVVPSVASL APPGEASLCL EEVAPPASGT RKARVLYDYE AADSSSELALL ADELITVYSL PGMDPDWLIG ERGNKKGKVP VTYLELLS.

