9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SH3GLB2 Human

SH3-domain GRB2-like endophilin B2 Human Recombinant
RCP2088

Product Overview

Name	SH3GLB2 Human

Description

SH3-domain GRB2-like endophilin B2 Human Recombinant

Accession (Primary)	Q9NR46

Synonyms

PP6569, PP9455, Endophilin-B2, KIAA1848, SH3 domain-containing GRB2-like protein B2.

Introduction

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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SH3GLB2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.

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.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MDFNMKK LASDAGIFFT RAVQFTEEKF GQAEKTELDA HFENLLARAD STKNWTEKIL RQTEVLLQPN PSARVEEFLY EKLDRKVPSR VTNGELLAQY MADAASELGP TTPYGKTLIK VAEAEKQLGA AERDFIHTAS ISFLTPLRNF LEGDWKTISK ERRLLQNRRL DLDACKARLK KAKAAEAKAT

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TVPDFQETRP RNYILSASAS ALWNDEVDKA EQELRVAQTE FDRQAEVTRL LLEGISSTHV NHLRCLHEFV KSQTTYYAQC YRHMLDLQKQ LGRFPGTFVG TTEPASPPLS STSPTTAAAT MPVVPSVASL APPGEASLCL EEVAPPASGT RKARVLYDYE AADSSELALL ADELITVYSL PGMDPDWLIG ERGNKKGKVP VTYLELLS.

Precautions

SH3GLB2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NR46)