9051 Mira Mesa Blvd, #910094
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SH3GLB1 Human

SH3-domain GRB2-like endophilin B1 Human Recombinant
RCP2087

Product Overview

Name	SH3GLB1 Human
Description	
SH3-domain GRB2-like endophilin B1 Human Recombinant	
Accession (Primary)	Q9Y371
Synonyms	
Bif-1, CGI-61, dJ612B15.2, PPP1R70, Endophilin-B1, Bax-interacting factor 1, SH3 domain-containing GRB2-like protein B1, KIAA0491 .	
Introduction	
Endophilin-B1 (SH3GLB1) is a part of the endophilin family and highly expresses in heart, skeletal muscle, kidney and placenta. Endophilin B1 belongs to the B subgroup of the endophilin family which is needed for preservation of mitochondrial morphology and for the regulation of the outer mitochondrial membrane dynamics. SH3GLB1 is required for normal outer mitochondrial membrane dynamics. Furthermore, SH3GLB1 is required for coatomer-mediated retrograde transport in certain cells. SH3GLB1 interacts with SH3GLB2 and Bcl-2-associated X protein and involved in regulating apoptotic signaling pathways.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SH3GLB1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 2mM 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 90% as determined by SDS-PAGE.	
Amino acid sequence	
MNIMDFNVKK LAADAGTFLS RAVQFTEEKL GQAEKTELDA HLENLLSKAE CTKIWTEKIM KQTEVLLQPN PNARIEEFVY EKLDRKAPSR INNPELLGQY MIDAGTEFGP GTAYGNALIK CGETQKRIGT ADRELIQTSA	

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LNFLTPLRNF IEGDYKTIAK ERKLLQNKRL DLDAAKTRLK KAKAAETRNS SEQELRITQS EFDRQAEITR LLLEGISSTH AHHLRCLNDF VEAQMTYYAQ CYQYMLDLQK QLGSFPSNYL SNNNQTSVTP VPSVLPNAIG SSAMASTSGL VITSPSNLSD LKECSGSRKA RVLYDYDAAN STELSLLADE VITVFSVVGM DSDWLMGERG NQKGKVPITY LELLN LEHHH HHH .

Precautions

SH3GLB1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y371)