

Product information



SH3GLB1, 1-365aa

Human, His-tagged, Recombinant, *E.coli*

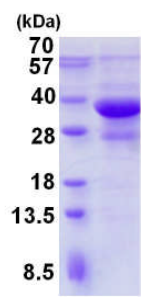
Cat. No. IBATGP1801

Full name: Endophilin-B1

NCBI Accession No.: NP_057093

Synonyms: Bif-1, CGI-61, dJ612B15.2, PPP1R70

Description: SH3GLB1, also as known as endophilin-B1, belongs to the endophilin family. Endophilin B1 is a member of the B subgroup of the endophilin family that is required for maintenance of mitochondrial morphology and for the regulation of the outer mitochondrial membrane dynamics. This protein required for normal outer mitochondrial membrane dynamics. Also it required for coatomer-mediated retrograde transport in certain cells. SH3GLB1 has been shown to interact with SH3GLB2 and Bcl-2-associated X protein. This protein highly expressed in heart, skeletal muscle, kidney and placenta. Recombinant human SH3GLB1 protein, fused to His-tag at C-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 2mM DTT</p> <p>Molecular Weight: 41.9kDa (373aa) confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MNIMDFNVKK LAADAGTFLS RAVQFTEEKL GQAEKTELDA HLENLLSKAE CTKIWTEKIM KQTEVLLQPN PNARIEEFVY EKLDKAPSR INNPELLGQY MIDAGTEFGP GTAYGNALIK CGETQKRIGT ADRELIQTSALNFLTPLRNF IEGDYKTI AK ERKLLQNKRL DLDAAKTRLK KAKAAETRNS SEQELRITQS EFDQRQAEITR LLEGLISSSTH AHHLRCLNDF VEAQMYYAQ CYQYMLDLQK QLGSPSNYL SNNNQTSVTP VPSVLPNAIG SSAMASTSGL VITSPSNLSD LKECSGSRKA RVLDYDAAN STELSLLADE VITVFSVVGMDSDWLMGERG NQKGVKIPITY LELLNLEHHH HHH</p>	

General references:

Pierrat B., *et al.* (2001) *Genomics* 71:222-234

Modregger J., *et al.* (2003) *J. Biol. Chem.* 278:4160-4167

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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