

Recombinant human Endophilin A3/SH3GL3 protein

Catalog Number: ATGP2933

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-347aa

UniProt No.

Q99963

NCBI Accession No.

NP_003018.3

Alternative Names

SH3 domain containing GRB2 like 3, Endophilin A3, SH3D2C, SH3P13, CNSA3, EEN-B2, HsT19371

PRODUCT SPECIFICATION

Molecular Weight

41.7 kDa (370aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

SH3GL3 belongs to the endophilin family. This protein contains 1 BAR domain and 1 SH3 domain. It implicated in endocytosis and may recruit other proteins to membranes with high curvature. Recombinant human SH3GL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MSVAGLK KQFHKASQLF SEKISGAEGT KLDDEFDME RKIDVTNKVV

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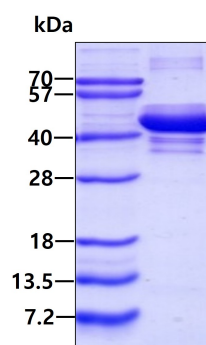
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PCCRGLYDFE PENQGELGFK EGDITLTNQ IDENWYEGMI HGESGFFPIN YVEVIVPLPQ

General References

Sittler A, Walter S, et al. (1998). Mol Cell. 2(4):427-36.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.