Recombinant Human EEN protein ab132997

Overview

Product name: Recombinant Human EEN protein
Protein length: Full length protein

Description

Nature: Recombinant
Source: Wheat germ

Amino Acid Sequence

Accession: Q99961
Species: Human
Sequence:

MSVAGLKKQFYKASQLVSEKVGGAEGTKLDDDFKEM
EKKVDDVTSAVTEV
LARTIEYLQPNPASRAKLTLNTVSKIRGQVKNPQYPQ
SEGLLGECMIRH
GKELGGESNFGDALLDAGESMKRLAEVKDSLDIEVKQ
NFIDPLQNLCEKD
LKEIQHHLKKLLEGRLDFDYKKKRGKIPDEELRQALE
KFEESKEVAETS
MHNILLETDEIQVSQLSALVDLDYHRQAVALDEIQLDEAE
KLKRRMREASSR
PKREYKPREPFDLGEPEQSNPFGFTAPKIAASS
SFRSSDKPRTPS
RSMPPLDQPSCKALYDFEPENGDGFAHGVLDN
QIDENWYEGMLDGQSGFFPLSYEVLVPLPQ

Molecular weight: 66 kDa including tags
Amino acids: 1 to 368

Specifications

Our Abpromise guarantee covers the use of ab132997 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications

ELISA
SDS-PAGE
Western blot

Form
Liquid

Additional notes
Protein concentration is above or equal to 0.05 µg/µl.
This product was previously labelled as SH3 containing Grb 2 like 1 protein

Preparation and Storage

Stability and Storage
Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function
Implicated in endocytosis. May recruit other proteins to membranes with high curvature.

Tissue specificity
Ubiquitous. Higher expression in pancreas, placenta, prostate, testis and uterus.

Involvement in disease
Note=In some cases of acute leukemia, a translocation results in the formation of a MLL-EEN fusion gene.

Sequence similarities
Belongs to the endophilin family.
Contains 1 BAR domain.
Contains 1 SH3 domain.

Domain
An N-terminal amphipathic helix, the BAR domain and a second amphipathic helix inserted into helix 1 of the BAR domain (N-BAR domain) induce membrane curvature and bind curved membranes.

Cellular localization
Cytoplasm. Early endosome membrane. Associated with postsynaptic endosomes in hippocampal neurons.

Images

12.5% SDS-PAGE analysis of ab132997 stained with Coomassie Blue.

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