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Recombinant human LIN-7C protein

Catalog Number: ATGP1837

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-197aa

UniProt No.

O9NUP9

NCBI Accession No.

NP 060832

Alternative Names

Lin-7 homolog C (C. elegans), LIN-7-C, LIN-7C, MALS-3, MALS-3, VELI3, Mammalian lin-seven protein 3, Vertebrate lin-7 homolog 3

PRODUCT SPECIFICATION

Molecular Weight

24.2 kDa (220aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% 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

LIN7C plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. It forms membrane-associated multiprotein complexes that may regulate delivery and recycling of proteins to the correct membrane domains. Recombinant human LIN7C protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



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Amino acid Sequence

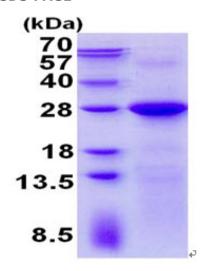
MGCSHHHHHH SSGLVPRGSH MGSMAALGEP VRLERDICRA IELLEKLQRS GEVPPQKLQA LQRVLQSEFC NAVREVYEHV YETVDISSSP EVRANATAKA TVAAFAASEG HSHPRVVELP KTEEGLGFNI MGGKEQNSPI YISRIIPGGI ADRHGGLKRG DQLLSVNGVS VEGEHHEKAV ELLKAAQGKV KLVVRYTPKV LEEMESRFEK MRSAKRRQQT

General References

Ng,M.C., et al. (2010) J. Clin. Endocrinol. Metab. 95 (5), 2418-2425 Lanktree,M., et al. (2008) Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (6), 945-951

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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

