

Recombinant Human LIN7C Protein, MYC/DDK-tagged

Cat. No. LIN7C-641H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human LIN7C protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. Forms membrane-associated multiprotein complexes that may regulate delivery and recycling of proteins to the correct membrane domains. The tripartite complex composed of LIN7 (LIN7A, LIN7B or LIN7C), CASK and APBA1 may have the potential to couple synaptic vesicle exocytosis to cell adhesion in brain. Ensures the proper localization of GRIN2B (subunit 2B of the NMDA receptor) to neuronal postsynaptic density and may function in localizing synaptic vesicles at synapses where it is recruited by beta-catenin and cadherin. Required to localize Kir2 channels, GABA transporter (SLC6A12) and EGFR/ERBB1, ERBB2, ERBB3 and ERBB4 to the basolateral membrane of epithelial cells. [UniProtKB/Swiss-Prot Function]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	21.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name lin-7 homolog C, crumbs cell polarity complex component[Homo sapiens]

Official Symbol LIN7C

Synonyms LIN-7-C; LIN-7C; MALS-3; MALS3; VELI3

Gene ID 55327

mRNA Refseq NM_018362.3

Protein Refseq NP_060832.1

MIM 612332

UniProt ID Q9NUP9

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