

Recombinant Human PALM protein, His-tagged

Cat. No. PALM-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PALM(1-387aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-387 a.a.
Description	PALM is a member of the paralemmin protein family. The product of this gene is a prenylated and palmitoylated phosphoprotein that associates with the cytoplasmic face of plasma membranes and is implicated in plasma membrane dynamics in neurons and other cell types. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	44.5 kDa (410aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
Purity	> 85% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot

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and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name PALM paralemmin [Homo sapiens]

Official Symbol PALM

Synonyms PALM; paralemmin; paralemmin-1; KIAA0270;

Gene ID 5064

mRNA Refseq NM_002579

Protein Refseq NP_002570

MIM 608134

UniProt ID O75781

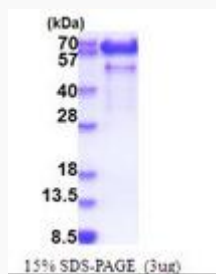
Chromosome Location 19p13.3

Function D3 dopamine receptor binding; protein binding;

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