

Recombinant Human PALM, His-tagged

Cat. No. PALM-29957TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 48-343 of Human Paralemmin isoform 2 with an N terminal His tag. Predicted MWt: 33 kDa;
Species	Human
Source	E.coli
ProteinLength	48-343 a.a.
Description	This gene encodes 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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 114 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids**

KALRERWLLEGTPSSASEGDEDLRRQM QDDEQKTRLLED S VSRLEKEIEVLERGD
SAPATAKENAAAPSPVRAPAPSP AKEERKTEVVMNSQQTPVGTPKDKRVSNTPLR
TVDGSP MMKAVVHAVDGTAEINGIHLSSSEVDELIHKADEVTLSEA GSTAGAAETR
GAVEGAARTTPSRREITGVQAQPGEATS GPPGIQPGQEPPVTMIFMGYQNVEDEA
ETKKVLGLQDT ITAELVVIEDAAEPKEPAPPNGSAAEPPTAASREENQ AGPEATTS
DPQDLDMKKHRCKCCSIM

GENE INFORMATION

Gene Name	PALM paralemmin [Homo sapiens]
Official Symbol	PALM
Synonyms	PALM; paralemmin; paralemmin-1; KIAA0270;
Gene ID	5064
mRNA Refseq	NM_001040134
Protein Refseq	NP_001035224
MIM	608134
Uniprot ID	O75781
Chromosome Location	19p13.3
Function	D3 dopamine receptor binding; protein binding;

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