

## Product datasheet for **TP320338L**

### Paralemmin (PALM) (NM\_001040134) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Homo sapiens paralemmin (PALM), transcript variant 2, 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC220338 representing NM\_001040134  
**Red**=Cloning site **Green**=Tags(s)

MEVLAAETTSQQERLQAI AEKRKRQAEIENKRRQLEDERRQLQH LKSKALRERWLL EGPSSASEGDEDL  
RRQM QDDEQKTR LLED SVSRLEKEIEV LERGD SAPATAKENAAAPSPVRAPAPSPA KEERKTEVMMNSQQ  
TPVGT PKDKRVSNTPLRTVDGSPMMKAVVHAVDGT AENGIHPLSSSEVDELIHKAD ERTLSEAGSTAGAA  
ETRGA VEGAARTTPSRREITGVQAQPG EATSGPPGIQPGQEPPVTMIFMGYQNV EDEAETKKVLGLQDTI  
TAE LVVIEDAAEPKEPAPPNGSAAEP PTEAASREENQAGPEATSDPQDLDMKKHRCKCCSIM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 37 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_001035224](#)  
**Locus ID:** 5064



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UniProt ID: [O75781](#), [A0A024R207](#)

RefSeq Size: 2758

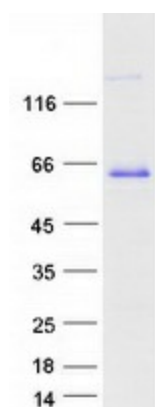
Cytogenetics: 19p13.3

RefSeq ORF: 1029

Synonyms: PALM1

**Summary:** 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. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified PALM protein (Cat# [TP320338]). The protein was produced from HEK293T cells transfected with PALM cDNA clone (Cat# [RC220338]) using MegaTran 2.0 (Cat# [TT210002]).