

# Recombinant Human PALM3 Protein

**For Research Use Only**

## 1. Basic Product Information

Catalog No.: REP50762

Size: 10ug, 100ug

Protein Name: Paralemmin-3

Synonym: PALM3

UniProt ID: A6NDB9

UniProt Link: [www.uniprot.org/uniprotkb/A6NDB9/entry](http://www.uniprot.org/uniprotkb/A6NDB9/entry)

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 673 AA

Molecular Weight: 72 KD

Protein Tag: C-terminal His6

## 2. Amino Acid Sequence

MAESSLYRQRLEVIAEKRRRLQEEIRAARREVEEEEKL RVERLKRKSLRERWLMDGAAAVPEPSEDPTS  
KDPQSPEGQAQARIRNLEDSLFTLQSQLQLLQSASTGAQHKGPSGRPSWRRQGHRPLSQSIVEAGS  
VGQTDLNKRASLPAGLVGTPPESEPREDVLGFLPGPRQVPGAAGDSSEANGPCPSPIPTPEQGL  
SQRAVPSEGRVGEAKGGGVVSVVWEGLRATEDCATGATGPELEAKVEEVVLEAIGDRKGAGSLEL  
PAWVKEDRGIVEVVWEGVGGSDAEAMGEIGRVPEVVQTSSPRLQERLEAAASIEGEDVPQGSPEG  
DGQGGSGGEEGSFIWVERVTLSEWEELLVEGLEGPVAGRERGDSPLEGAEGAKTGGGEETWE  
AEKRKAEEESMGIGSEEKPGTGRDEAEMSPVVERKGGEKKLELESRGSAEKLGTTEREGGEEPLGIER  
KVEGHLRAEKEGDEEKRGAEVEVEEPLGVEKKGGEEPEATKEPLEAERKGGGEETLEAEKRGGE  
ESLETEKTQGTEDLNLEQGSREGSESQAEEMNEAGPPLEANTETRPEKEGPQPQEKPVGALEEE  
GVKPQTAAEGQGPLGDATPLLAETPAPEQPAECQPLLQGEGPSANPSAHPVPTYAPARQPEPSAPT  
EGEEASGPKQKTCQCCAVM

## 3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

## 5. Product Description

This product is recombinant Paralemmin-3 produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: ATP-binding protein, which may act as a adapter in the Toll-like receptor (TLR) signaling.

Subcellular Localization: Cytoplasm . Cell membrane ; Lipid-anchor .

## 6. Notes

- Avoid repeated freeze- thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer- composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.