

## Product datasheet for **AR51590PU-N**

### **PALM (1-387, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	PALM (1-387, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMEVLAAE TTSQQERLQA IAEKRKRQAE IENKRRQLED ERRQLQHLKS KALRERWLE GTPSSASEGD EDLRRQMDD EQKTRLLEDS VSRLEKEIEV LERGDSAPAT AKENAAAPSP VRAPAPSPAK EERKTEVMN SQQTPVGT PK DKRVSNTPLR TVDGSPMMKA AMYSVEITVE KDKVTGETRV LSSTLLPRQ PLPLGIKVEY DETKVVHAVD GTAENGIHPL SSSEVDELIH KADEVTLSEA GSTAGAAETR GAVEGAARTT PSRREITGVQ AQPGEATSGP PGIQPGQEP VTMIFMGYQN VEDEAETKKV LGLQDTITAE LVVIEDAAEP KEPAPPNGSA AEPPTAAASR EENQAGPEAT TSDPQDLDMK KHRCKCCSIM
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	44.5 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human PALM protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001035224</a>
<b>Locus ID:</b>	5064
<b>UniProt ID:</b>	<a href="#">O75781</a> , <a href="#">A0A024R207</a>



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Cytogenetics: 19p13.3

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:

