

Product datasheet for **TP311908L**

PALM2AKAP2 (NM_053016) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens paralemmin 2 (PALM2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211908 representing NM_053016 Red =Cloning site Green =Tags(s)

MAEAELHKERLQAI AEKRKRQTEIEGKRQQLDEQILLQHSKSKVLREKWLLQGIPAGTAE EEEARRRQS
EEDEFrvkQLEDNIQRLEQEIQTLESEESQISAKEQIILEKLKETEKSFKDFQKGSSTDGDVNYISSQ
LPDLPILCSRTAEPSPGQDGTSRAAAVYAMEINVEKDKQTGETKILSTSTIGPEGVHQKGVKVVYDDGTVK
VYEVRSGGTVWENGVHKLSTKDVEELIQKAGQSSLGGGHV SERTVIADGSLSHPKHEMLCKEAKLEMVHK
SRKDHSSGNPGQQAQAPSAAGPEANLDQPVTMIFMGYQNI EDEEETKKVLGYDET IKAELVLIDEDDEKS
LREKTVTDVSTIDGNAAELVSGRPVSDTTEPSSPEGKEESLATEPAPGTQKKKRCQCCVVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	45.3 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_443749



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Locus ID: 445815

UniProt ID: [Q8IXS6](#)

RefSeq Size: 9363

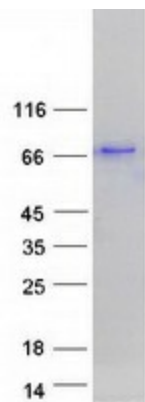
Cytogenetics: 9q31.3

RefSeq ORF: 1233

Synonyms: AKAP-2; AKAP-KL; AKAP2; AKAPKL; MISP2; PALM2; PALM2-AKAP2; PRKA2

Summary: This gene belongs to the paralemmin downstream gene (PDG) family defined in PMID:22855693. Paralemmin downstream genes may have evolved contiguously with the paralemmin genes and are associated with other paralemmin paralogs in humans and several other taxa. The gene encodes three distinct protein isoforms, the PALM2 isoform, the AKAP2 isoform and the PALM2-AKAP2 isoform. The biological significance of the PALM2-AKAP2 isoforms is yet unknown. Earlier, PALM2 and AKAP2 were annotated as separate genes and PALM2-AKAP2 was annotated as a readthrough gene. [provided by RefSeq, May 2019]

Product images:



Coomassie blue staining of purified PALM2-AKAP2 protein (Cat# [TP311908]). The protein was produced from HEK293T cells transfected with PALM2-AKAP2 cDNA clone (Cat# [RC211908]) using MegaTran 2.0 (Cat# [TT210002]).