

## Product datasheet for **TP308045L**

### PPHLN1 (NM\_201438) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human periphilin 1 (PPHLN1), transcript variant 5, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208045 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAYRRDEMWSEGRYEYERIPRERAPPRSHPSDESGYRWTRDDHSASRQPEYRDMRDGFRRKSFYSSHYAR ERSPYKRDNTFFRESPVGRKDSPHSRSGSSVSSRSYSPERSKSYSFHQSQHRKSVRPGASYKRQNEGNPE RDKERPVSQSLKTSRDTSPSSGSAVSSSKVLDPKPSRLTEKELAEAASKWAAEKLEKSDENLPEISEYEAG STAPLFTDQPEEPESNTTHGIELFEDSQLTTRSKAIAASKTKEIEQVRV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	29.6 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:	<a href="#">NP_958846</a>
Locus ID:	51535
UniProt ID:	<a href="#">Q8NEY8</a>



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RefSeq Size: 1338

Cytogenetics: 12q12

RefSeq ORF: 774

Synonyms: CR; HSPC206; HSPC232

**Summary:** The protein encoded by this gene is one of the several proteins that become sequentially incorporated into the cornified cell envelope during the terminal differentiation of keratinocyte at the outer layers of epidermis. This protein interacts with periplakin, which is known as a precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified PPHLN1 protein (Cat# [TP308045]). The protein was produced from HEK293T cells transfected with PPHLN1 cDNA clone (Cat# [RC208045]) using MegaTran 2.0 (Cat# [TT210002]).