

Product datasheet for TP308045L

OriGene Technologies, Inc.

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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 >RC208045 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MAYRRDEMWSEGRYEYERIPRERAPPRSHPSDESGYRWTRDDHSASRQPEYRDMRDGFRRKSFYSSHYAR ERSPYKRDNTFFRESPVGRKDSPHSRSGSSVSSRSYSPERSKSYSFHQSQHRKSVRPGASYKRQNEGNPE RDKERPVQSLKTSRDTSPSSGSAVSSSKVLDKPSRLTEKELAEAASKWAAEKLEKSDESNLPEISEYEAG

STAPLFTDQPEEPESNTTHGIELFEDSQLTTRSKAIASKTKEIEQVRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: NP 958846

Locus ID: 51535

UniProt ID: Q8NEY8





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RefSeq Size: 1338

Cytogenetics: 12q12 RefSeq ORF: 774

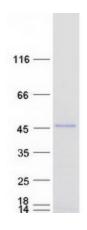
Synonyms: CR; HSPC206; HSPC232

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]).