

Recombinant Human PPHLN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPHLN1-961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPHLN1 MS Standard C13 and N15-labeled recombinant protein (NP_958846) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	29.8 kDa
AA Sequence	MAYRRDEMWSEGRYEYERIPRERAPPRSHPSDESGYRWTRDDHSASRQPEYRDM RDGFRRKSFYSSHYARERSPYKRDNTFFRESPVGRKDSPHSRSGSSVSSRSYSPE RSKSYSFHHQSQHRKSVRPGASYKRQNEGNPERDKERPVSQSLKTSRDTSPSSGSAV SSSKVLDKPSRLTEKELAEAASKWAAEKLEKSDESNLPEISEYEAGSTAPLFTDQPE EPESNTTHGIELFEDSQLTTRSKAIASKTKEIEQVRVTRTRPLEQKLISEEDLAANDILD

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	YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

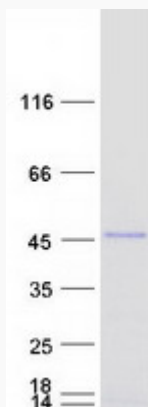
GENE INFORMATION

Gene Name	PPHLN1 periphilin 1 [Homo sapiens (human)]
Official Symbol	PPHLN1
Synonyms	PPHLN1; periphilin 1; periphilin-1; gastric cancer antigen Ga50; HSPC206; HSPC232; MGC48786;
Gene ID	51535
mRNA Refseq	NM_201438
Protein Refseq	NP_958846
MIM	608150
UniProt ID	Q8NEY8

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SDS-PAGE

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