

Product datasheet for TP306360

ENPP6 (NM_153343) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ectonucleotide pyrophosphatase/phosphodiesterase 6 (ENPP6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206360 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAVKLGTLLLALALGLAQPASARRKLLVFLLDGFRSDYISDEALESPLPGFKEIVSRGVKVDYLTDPDFPSL SYPNYYTLMTGRHCEVHQMIGNYMWDPTTNKSFDIGVNKDSLMLPWWNGSEPLWVTLTKAKRKVYMYWP GCEVEILGVRPTYCLEYKNVPTDINFANAVSDALDSFKSGRADLAAIYHERIDVEGHYGPASPQRKDAL KAVDVLKYMTKWIQERGLQDRLNVIIFSDHGMTDIFWMDKVIELNKYISLNDLQVVKDRGPVVSLSWPAP GKHSEIYNKLSTVEHMTVYEKEAIPSRFYKKGKVFVSPPLTLVADEGWFITENREMLPFWMNSTGRREGWQ RGWHGYDNELMDMRGIFLAFGPDFKSNFRAAIPRSVDVYNVMCNVVGITPLPNNGSWSRVMCMLKGRAST APPVWPSHCALALILLFLLA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	50.1 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.



[View online »](#)

RefSeq: [NP_699174](#)

Locus ID: 133121

UniProt ID: [Q6UWR7](#)

RefSeq Size: 3936

Cytogenetics: 4q35.1

RefSeq ORF: 1320

Synonyms: NPP6

Summary: Choline-specific glycerophosphodiester phosphodiesterase. The preferred substrate may be lysosphingomyelin (By similarity). Hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid, showing it has a lysophospholipase C activity. Has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids. Also hydrolyzes glycerophosphorylcholine and sphingosylphosphorylcholine efficiently. Hydrolyzes the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine in vitro, while it does not hydrolyze the classical nucleotide phosphodiesterase substrate, p-nitrophenyl thymidine 5'-monophosphate. Does not hydrolyze diacyl phospholipids such as phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, phosphatidylglycerol and phosphatidic acid.[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein

Protein Pathways: Ether lipid metabolism

Product images:



Coomassie blue staining of purified ENPP6 protein (Cat# TP306360). The protein was produced from HEK293T cells transfected with ENPP6 cDNA clone (Cat# [RC206360]) using MegaTran 2.0 (Cat# [TT210002]).