Recombinant Human ENPP6

Catalog No: #GP10391

Package Size: #GP10391-1 100ug

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Description

Product Name	Recombinant Human ENPP6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 119-419 amino acids of human ectonucleotide pyrophosphatase/phosphodiesterase 6
Target Name	ectonucleotide pyrophosphatase/phosphodiesterase 6
Other Names	NPP6
Accession No.	Swissprot:Q6UWR7Gene Accession:BC035035
Uniprot	Q6UWR7
GeneID	133121;
Storage	-20~-80°C, pH 7.6 PBS

Background

Choline-specific glycerophosphodiester phosphodiesterase. 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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