

Product datasheet

Recombinant Human ENPP6 protein ab132813

1 Image

Description

<b>Product name</b>	Recombinant Human ENPP6 protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<a href="#">Q6UWR7</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<pre> MAVKLGTLALLALGLAQPASARRKLLVFLLDGFRSDY ISDEALESPLGF KEIVSRGVKVDYLTPDFPSLSYPNYYTLMTGRHCEVHQ MIGNYMWDPTTN KSFDIGVNKDSLMLPLWWNGSEPLWVTLTKAKRKVYM YYWPGCEVEILGVR PTYCLEYKNVPTDINFANAVSDALDSFKSGRADLAAY HERIDVEGHHYG PASPQRKDALKAVD TVLK YMTKWIQERGLQDRLNVIIF SDHGMTDIFWMD KVIELNKYISLNDLQQVKDRGPVVS LWPAPGKHSEYN KLSTVEHMTVYE KEAIPSRFYKKGK FVSPLTLVADEGWFITENREMLPF WMNSTGRREGWQ RGWHGYDNE LMDMRGIFLAFGPDFKSNFRAAPIRSVD VYNVMCNVVGITP LPNNGSWSRVMCMLKGRASTAPPVWPSHCALALILLF LLA </pre>
<b>Predicted molecular weight</b>	77 kDa including tags
<b>Amino acids</b>	1 to 440

Specifications

Our [Abpromise guarantee](#) covers the use of **ab132813** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** ELISA

SDS-PAGE

Western blot

**Form** Liquid

**Additional notes** Protein concentration is above or equal to 0.05 µg/µl.

## Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

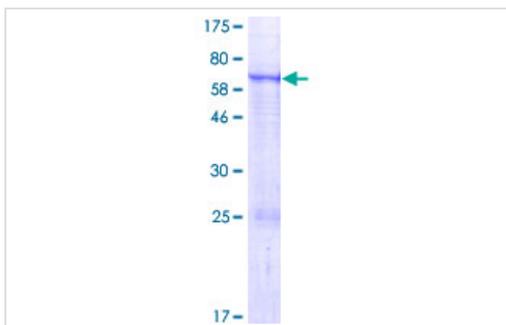
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**Relevance** ENPP6 is a choline-specific glycerophosphodiester phosphodiesterase, which hydrolyzes the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine, while it does not hydrolyze the classical nucleotide phosphodiesterase substrate, p-nitrophenyl thymidine 5 prime-monophosphate. It hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid, showing it has a lysophospholipase C activity. ENPP6 has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids. ENPP6 also hydrolyzes glycerophosphorylcholine and sphingosylphosphorylcholine efficiently. ENPP6 is predominantly expressed in kidney and brain.

**Cellular localization** Cell membrane; Single-pass type I membrane protein. Secreted. Note: A minor secreted form also exists.

## Images

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12.5% SDS-PAGE analysis of ab132813 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ENPP6 protein  
(ab132813)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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