

Recombinant Human PNLIPRP1 protein ab153770

Description

Product name	Recombinant Human PNLIPRP1 protein	
Purity	<p>> 95 % SDS-PAGE.</p> <p>ab153770 is greater than 95% as determined by reducing SDS-PAGE. It is lyophilized from an 0.2 µM filtered solution.</p>	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	<u>P54315</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> KEVCYEDLGCFSDTEPWGGTAIRPLKILPWSPEKIGTRFLL YTNENPNNF QILLSDPSTIEASNFQMDRKTRFIIHGFDKGDSESWVDMC KKLFEVEE VNCICVDWKKGSQATYTQAANNVRVVGQAQVAQMLDILLT EYSYPPSKVHL IGHSLGAHVAGEAGSKTPGLSRITGLDPVEASFESTPEEV RLDPSDADFV DVIHTDAAPLIPFLGFGTNQQMGHLDFFPNGGESMPGCK KNALSQVLDL GMWAGTRDFVACNHLRSYKYYLESILNPDGFAAYPCTSYKS FESDKCFPC PDQGCPQMGHYADKFAGRTSEEQQKFFLNTGEASNFAR WRYGVSITLGR TATGQIKVALFGNKGNTHQYSIFRGILKPGSTHSYEFDAKL DVGTEIKVK FLWNNNVINPTLPKVGATKIVQKGEEKTVYNFCSEDTV EDTLLTLTPC </pre>	
Predicted molecular weight	50 kDa	
Amino acids	18 to 467	
Tags	His tag C-Terminus	
Additional sequence information	Mature chain without signal peptide.	

Specifications

Our **Abpromise guarantee** covers the use of **ab153770** in the following tested applications.

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

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.

pH: 7.40

Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

General Info

Relevance PNLIPRP1 belongs to the AB hydrolase superfamily, Lipase family and contains one PLAT domain. PNLIPRP1 has a catalytic activity of: Triacylglycerol + H₂O = diacylglycerol + a carboxylate. It is expressed in the pancreas and there are three named isoforms.

Cellular localization Secreted

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