

Product datasheet

Recombinant Human PRCP protein (His tag) ab198658

1 Image

Description

Product name	Recombinant Human PRCP protein (His tag)	
Purity	= 50 % SDS-PAGE.	
Expression system	HEK 293 cells	
Accession	P42785	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>SLHLPTNPTSLPAVAKNYSVLYFQQKVDHFGFNTVKTF NQRYLVADKYWK KNGGSILFYTGNEGDIWFNCNNTGFMWDVAEELKAMLV FAEHRYYGESLP FGDNSFKDSRHLNFLTSEQALADFAELIKHLKRTIPGA ENQPVIAIGGSY GGMLAAWFRMKYPHMMVVGALAASAPIWQFEDLVPCG VFMKIVTDFRKSG PHCSESIHRSDAINRLSNTGSLQWLTGALHLCSP LQDQIHLKDWIS ETWVNLAMVDYPYASNFLQPLPAWPIKVVCCQYLKPNP VSDSLLLQNIQFA LNVYNYSGQVKCLNISEATSSSLGTLGWSYQACTEVV MPFCTNGVDDMF EPHSWNLKELSDDCFQQWGVRPRPSWITMYGGKNI SHTNIVFSNGELD PWSGGGVTKDITDTLVAVTISEGAHHLDLRTKNALDPM SVLLARSLEVRH MKNWIRDFYDSAGKQH</p>	
Predicted molecular weight	53 kDa including tags	
Amino acids	31 to 496	
Tags	His tag C-Terminus	
Additional sequence information	This product is for the mature full length protein from aa 31 to 496. The signal peptide is not included. GenBank Accession #NM_005040.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab198658** 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	Liquid

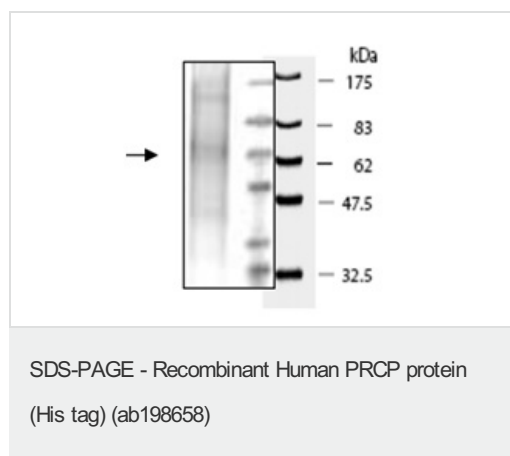
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8 Preservative: 1.36% Imidazole Constituents: 0.48% Tris, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol, 0.05% DTT
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General Info

Function	Cleaves C-terminal amino acids linked to proline in peptides such as angiotensin II, III and des-Arg9-bradykinin. This cleavage occurs at acidic pH, but enzymatic activity is retained with some substrates at neutral pH.
Tissue specificity	Highest levels in placenta, lung and liver. Also present in heart, brain, pancreas and kidney.
Sequence similarities	Belongs to the peptidase S28 family.
Cellular localization	Lysosome.

Images



10% SDS-Page analysis of ab198658 (1 µg)

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

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