

Product datasheet

Recombinant Human P4HA2 protein ab160278

1 Image

Overview

<b>Product name</b>	Recombinant Human P4HA2 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human

<b>Sequence</b>	<p>MKLWVSALLMAWFGVLSVCVQAEFFTSIGHMTDLIYAE          KELVQSLKEYILV          EEAKLSKIKSWANKMEALTSKSAADAEGYLAHPVNAY          KLVKRLNTDWPAL          EDLVLQDSAAGFIANLSVQRQFFPTDEDEIGAALKMR          LQDTYRLDPGTI          SRGELPGTKYQAMLSVDDCFGMGRSAYNEGDIYHTV          LWMEQVLKQLDAGE          EATTTKSQVLDYLSYAVFQLGDLHRALELTRRLLSLDP          SHERAGGNLRYF          EQLLEEREKTLTNQTEAELATPEGYERPVDYLPERD          VYESLCRGEVVK          LTPRRQKRLFCRYHHGNRAPQLLIAPFKEEDEWDSPHI          VRYDVMSDEEI          ERIKEIAKPKLARATVRDPKTGVLTVASYRVSKSSWLE          EDDDPVVARVNR          RMQHITGLTVKTAELLQVANYGVGGQYEPHDFFSRRP          FDSGLKTEGNRLA          TFLNYMSDVEAGGATVFPDLGAAWPKKGTAVFWYNL          LRSGEVDYRTRHA          ACPVLVGCKWWSNKWFHERGQEFLRPCGSTEVD</p>
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<b>Amino acids</b>	1 to 533
<b>Tags</b>	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160278** in the following tested applications.

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

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

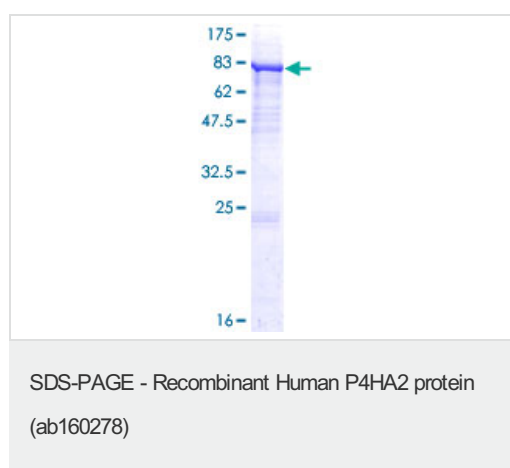
## Preparation and Storage

<b>Stability and Storage</b>	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
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## General Info

<b>Function</b>	Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.
<b>Sequence similarities</b>	Belongs to the P4HA family. Contains 1 Fe2OG dioxygenase domain. Contains 1 TPR repeat.
<b>Cellular localization</b>	Endoplasmic reticulum lumen.

## Images



ab160278 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**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
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