

Product datasheet

Recombinant Human Angiopoietin 1 protein (denatured) ab113163

[1 Image](#)

Overview

Product name	Recombinant Human Angiopoietin 1 protein (denatured)
Protein length	Protein fragment
Description	Recombinant Human Angiopoietin 1 protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q15389
Species	Human

Sequence	<p>MSNQRRSPENSGRRYNRHQGQCAYFILPEHDGNCR ESTTDQYNTNALQ RDAPHVEPDFSSQKLQHLEHVMENYQWLQKLENYV ENMKSEMAQIQQN AVQNHTATMLEIGTSLLSQTAEQTRKLTDVETQVLNQT SRLEIQLLENSL STYKLEKQLLQQTNEILKIHEKNSLLEHKILEMEGKHK ELDTLKEEKEN LQGLVTRQTYIIQELEKQLNRATTNNSVLQKQQLELMDT VHNLVNLCTKE GVLLKGGKREEEKPFRCADVQAGFNKSGIYTYINN MPEPKKVFCNMD VNGGGWTVIQHREDGSLDFQRGWKEYKMGFGNPSG EYWLGNFIFAITSQ RQYMLRIELMDWEGNRAYSQYDRFHIGNEKQNYRLYLK GHTGTAGKQSSL ILHGADFSTKDADNDNCMCKCALMLTGGWWFDACG PSNLNGMFYTAGQNH GKLNKIKWHYFKGPSYSLRSTTMMIRPLDF</p>
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Molecular weight	56 kDa
Amino acids	1 to 480

Specifications

Our [Abpromise guarantee](#) covers the use of **ab113163** 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
Purity	> 85 % SDS-PAGE. ab113163 is purified by using conventional chromatography techniques
Form	Liquid

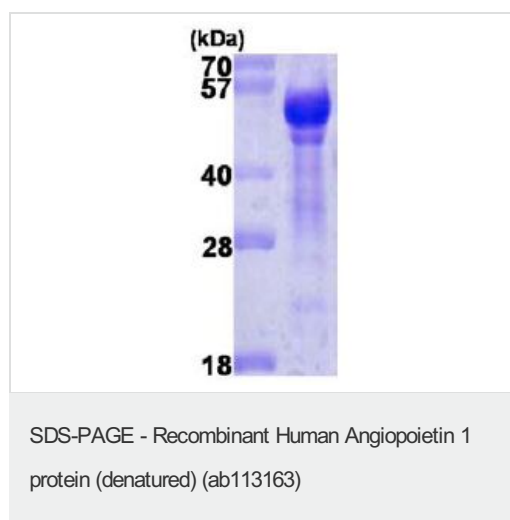
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 6.01% Urea, 5% Glycerol
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General Info

Function	Binds and activates TIE2 receptor by inducing its tyrosine phosphorylation. Implicated in endothelial developmental processes later and distinct from that of VEGF. Appears to play a crucial role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. Mediates blood vessel maturation/stability. It may play an important role in the heart early development.
Sequence similarities	Contains 1 fibrinogen C-terminal domain.
Post-translational modifications	Glycosylated.
Cellular localization	Secreted.

Images



ab113163 at 3 µg analysed by 15% SDS PAGE.

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- Response to your inquiry within 24 hours

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