

Product datasheet

Native Human Zinc Alpha 2 Glycoprotein ab168906

1 Image

Overview

Product name	Native Human Zinc Alpha 2 Glycoprotein
Protein length	Full length protein

Description

Nature	Native
Source	Native
Amino Acid Sequence	
Accession	P25311
Species	Human

Sequence	<p>QENQDGRYSL TYMTGLSKH VEDVPAFQAL GSLNDLQFFR YNSKDRKSQP MGLWRQVEGM EDWKQDSQLQ KAREDIFMET LKDIVEYYND SNGSHVLQGR FGCEIENNRS SGAFWKYYD GKDYIEFNKE IPAWVPFDPA AQITKQKWEA EPVYVQRAKA YLEEECPATL RKYLKYSKNI LDRQDPPSVV VTSHQAPGEK KKLKCLAYDF YPGKIDVHWT RAGEVQEPEL RGDVLHNGNG TYQSWVVAV PPQDTAPYSC HVQHSSLAQP LVVPWEAS</p>
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Molecular weight	32 kDa
Amino acids	21 to 298

Specifications

Our [Abpromise guarantee](#) covers the use of **ab168906** in the following tested applications.

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

Applications	<ul style="list-style-type: none"> Mass Spectrometry Western blot ELISA SDS-PAGE
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Mass spectrometry	LC-MS/MS
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Purity	= 80 % SDS-PAGE. ab168906 is filtered (0.4 µm). Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Form	Lyophilised
Additional notes	All blood samples used for protein preparation were tested and found negative for HBsAg, anti-HCV, HIV Ag/Ab, and syphilis. Since no test can absolutely assure the absence of all infectious agents, this product should be handled as a potential biohazard. This product is intended for research use only.

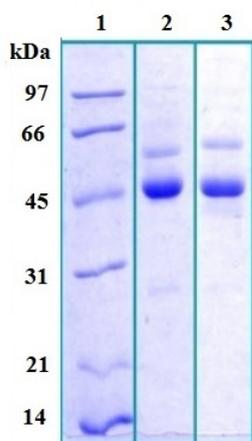
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. pH: 8.00 Constituents: 0.24% Tris, 0.29% Sodium chloride
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

General Info

Function	Stimulates lipid degradation in adipocytes and causes the extensive fat losses associated with some advanced cancers. May bind polyunsaturated fatty acids.
Tissue specificity	Blood plasma, seminal plasma, urine, saliva, sweat, epithelial cells of various human glands, liver.
Sequence similarities	Belongs to the MHC class I family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
Cellular localization	Secreted.

Images



SDS-PAGE analysis of ab168906 native protein 12% gel stained with Coomassie Brilliant Blue R250

Lane 1: MW marker

Lane 2: reduced and heated sample, 2.5 µg

Lane 3: non-reduced and non-heated sample, 2.5 µg

SDS-PAGE - Native Human Zinc Alpha 2
Glycoprotein (ab168906)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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