

Product datasheet

Recombinant Human Integrin alpha 1 protein ab112310

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human Integrin alpha 1 protein
Expression system	Wheat germ
Accession	<u>P56199</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	QFYSSASEYHISIAANETVPEVINSTEDIGNEINIFYLIRKSGS FPMPEL KLSISFPNMTSNGYPVLYPTGLSSSENANCRPHIFEDPFSI NSGKKMTTS TDHLKRGTI
Predicted molecular weight	38 kDa including tags
Amino acids	951 to 1059

Specifications

Our **Abpromise guarantee** covers the use of **ab112310** in the following tested applications.

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

Applications	ELISA Western blot SDS-PAGE
Form	Liquid

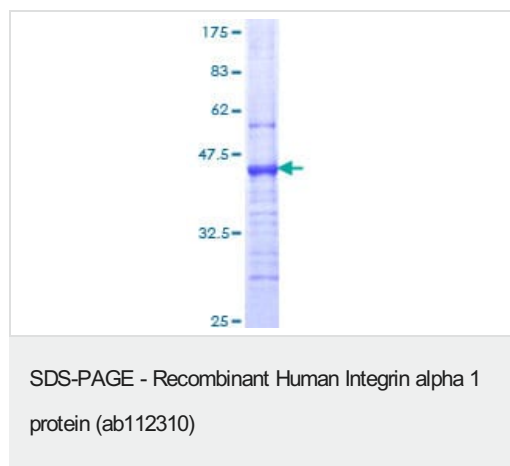
Preparation and Storage

Stability and Storage	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

Function	Integrin alpha-1/beta-1 is a receptor for laminin and collagen. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen.
Sequence similarities	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
Domain	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
Cellular localization	Membrane.

Images



12.5% SDS-PAGE showing ab112310 stained with Coomassie Blue.

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