

Product datasheet

Recombinant Human Integrin alpha 4/CD49D protein ab158773

1 Image

Description

Product name	Recombinant Human Integrin alpha 4/CD49D protein	
Expression system	Wheat germ	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	RIGKNPGQTCEQLQLGSPNGEPCGKTCLEERDNQWLGVT LSRQPGENGSI VTCGHRWKNIFYKNENKLPTGGCYGVPPDLRTELSKRIAP CYQDYVKKF GENFASCQAG	
Amino acids	98 to 207	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158773** in the following tested applications.

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

Applications	Western blot
	ELISA
Form	Liquid
Additional notes	This product was previously labelled as Integrin alpha 4.

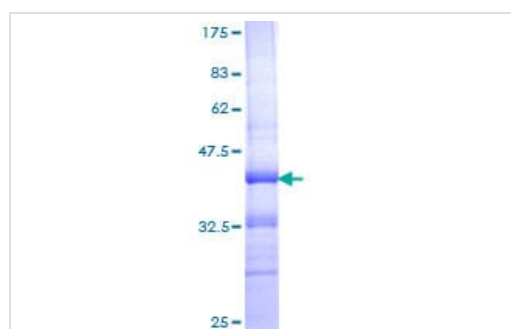
Preparation and Storage

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

General Info

Function	Integrins alpha-4/beta-1 (VLA-4) and alpha-4/beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin alpha-4/beta-1 recognizes the sequence Q-I-D-S in VCAM1. Integrin alpha-4/beta-7 is also a receptor for MADCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells integrin VLA-4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.
Sequence similarities	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats.
Domain	The SG1 motif is involved in binding to chondroitin sulfate glycosaminoglycan and cell adhesion.
Post-translational modifications	Phosphorylation on Ser-1027 inhibits PXN binding.
Cellular localization	Membrane.

Images



ab158773 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Integrin alpha
4/CD49D protein (ab158773)

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

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