Human ITGA4(1-977) Acidic tail Protein, hFc Tag

Cat. No. PME101829

PRODUCT INFORMATION

Target	ITGA4
Synonyms	IA4; CD49D
Description	Recombinant human ITGA4(1-977) Acidic tail Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P13612
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	ITGA4(Met1-Thr977) Acidic tail hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 131.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 4 subunit. This subunit associates with a beta 1 or beta 7 subunit to form an integrin that may play a role in cell motility and migration. This integrin is a therapeutic target for the treatment of multiple sclerosis, Crohn's disease and inflammatory bowel disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

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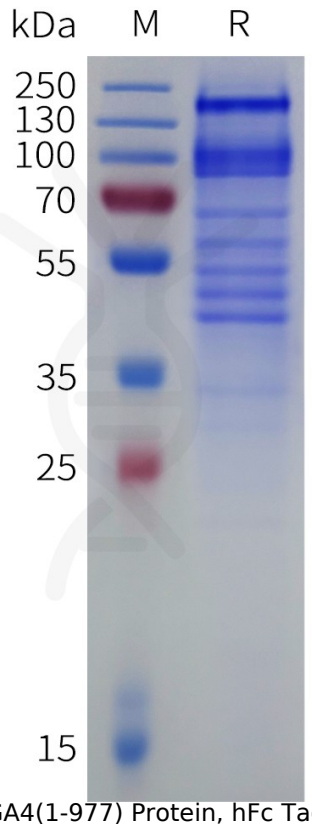


Figure 1. Human ITGA4(1-977) Protein, hFc Tag on SDS-PAGE under reducing condition.

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