

Recombinant Human ITGA4 Protein

Cat. No. ITGA4-4998H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGA4 full-length ORF (AAI56713.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain. [provided by RefSeq]
Form	Liquid
Molecular Mass	113.52 kDa
AA Sequence	MAWEARREPGPRRAAVRETVMLLLCLGVPTGRPYNVDTESALLYQGPHNTLFGYS VVLHSHGANRWLLVGAPTANWLANASVINPGAIYRCRIGKNPGQTCEQLQLGSPNG EPCGKTCLEERDNQWLGVTLRQPGENGSIIVTCGHRWKNIFYIKNENKLPTGGCYG VPPDLRTELSKRIAPCYQDYVKKFGENFASCQAGISSFYTKDLIVMGAPGSSYWTGS LFVYNITTNKYKAFLDKQNQVKFGSYLGYSVGAGHFERSQHTTEVVGGAPQHEQIGK AYIFSIDEKELNILHEMKGKKLGSYFGASVCAVDLNADGFSDLLVGAPMQSTIREEGR VFVYINSGSGAVMNMAMETNLVGSDKYAARFGESIVNLGDIDNDGFEDVAIGAPQEDD LQGAIIYNGRADGISSTFSQRIEGLQISKSLSMFGQSISGQIDADNNGYVDVAVGAF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RSDSAVLLRTRPVVIVDASLSHPESVNRTKFDCVENGWPSVCIDLTLCSYKKGKEVP
 GYIVLFYNMSLDVNRKAESPFRFYSSNGTSDVITGSIQVSSREANCRTHQAFMRKD
 VRDILTPIQIEAAYHLGPHVISKRSTEEFPPLQPILQQKKEKDIMKKTINFARFCAHENC
 SADLQVSAKIGFLKPHENKTYLAVGSMKTLMLNVSLFNAGDDAYETTLHVKLPGVGLY
 FIKILEEEKQINCEVTDNSGVVQLDCSIGYIYVDHLSRIDISFLLDVSSLSRAEEDLSIT
 VHATCENEEEMDNLKHSRVTVAIPLKYEKLTVHGFVNPTSFVYGSNDENEPETCM
 VEKMNLTFFHVINTGNSMAPNVSVEMVPNSFSPQTDKLFNILDVQTTTGECHFENYQ
 RVCALEQQKSAMQTLKGIVRFLSKTDKRLLYCIKADPHCLNFLCNFGKMESGKEASV
 HIQLEGRPSILEMDETSALKFEIRATGFPEPNPRVIELNKDENVAHVLLLEGLHHQRPK
 RYFTIVISSSLLLGLIVLLLISYVMWKAGFFKRQYKSILQEENRRDSWSYINSKSNDD

Applications

Antibody Production
 Functional Study
 Compound Screening

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION
Gene Name

ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) [Homo sapiens]

Official Symbol

ITGA4

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Synonyms	ITGA4; integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor); CD49D; integrin alpha-4; CD49d; 269C wild type; integrin alpha 4; integrin alpha-IV; VLA-4 subunit alpha; integrin alpha-4 subunit; CD49 antigen-like family member D; antigen CD49D, alpha-4 subunit of VLA-4 receptor; very late activation protein 4 receptor, alpha 4 subunit; IA4; MGC90518;
Gene ID	3676
mRNA Refseq	NM_000885
Protein Refseq	NP_000876
MIM	192975
UniProt ID	P13612