

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 EPCGKTCLEERDNQWLVTLRQPGENGSIIVTCGHRWKNIFYIKNENKLPTGGCYG VPPDLRTELSKRIAPCYQDYVKKFGENFASCQAGISSFYTKDLIVMGAPGSSYWTGS LFVYNITTNKYKAFLDKQNQVKFGSYLGYSVGAGHFERSQHTTEVVGGAPQHEQIGK AYIFSIDEKELNILHEMKGKLGSYFGASVCAVDLNADGFSDLLVGAPMQSTIREEGR VFVYINSGSGAVMNAMETNLVGS DKY AARFGESIVNLGDIDNDGFEDVAIGAPQEDD LQGAIIYNGRADGISSTFSQRIEGLQISKSLSMFGQSISGQIDADNNGYVDVAVGAF

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RSDSAVLLRTRPVVIVDASLSHPESVNRTKFDCVENGWPSVICDLTLCFSYKGKEVP
 GYIVLFYNMSLDVNRKAESPFRFYFSSNGTSDVITGSIQVSSREANCRTHQAFMRKD
 VRDILTPIQIEAAYHLGPHVISKRSTEEFPPLQPILQQKKEKDIMKKTINFARFCAHENC
 SADLQVSAKIGFLKPHENKTYLAVGSMKTLMLNVSLFNAGDDAYETTLHVKLPVGLY
 FIKILEEEKQINCEVTDNSGVVQLDCSIGYIYVDHLSRIDISFLLDVSSLSRAEEDLSIT
 VHATCENEEEMDNLKHSRVTVAIPLKYEKLVHGFVNPTSFVYGSNDENEPETCM
 VEKMNLTFFHVINTGNSMAPNVSVEIMVPNSFSPQTDKLFNILDVQTTTGECHFENYQ
 RVCALEQQKSAMQTLKGIVRFLSKTDKRLLYCIKADPHCLNFLCNFGKMESGKEASV
 HIQLEGRPSILEMDETSALKFEIRATGFPEPNPRVIELNKDENVAHVLLLEGLHHQRPK
 RYFTIVIISSSLLLGLIVLLLISYVMWKAGFFKRQYKSILQEENRRDSWSYINSKSNDD

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

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