

# Recombinant Full Length Human ITGA4 Protein

Cat. No. ITGA4-5707HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ITGA4 full-length ORF (AAI56713.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	755 amino acids
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	113.52 kDa
<b>AA Sequence</b>	MAWEARREPGPRRAAVRETVMLLLCLGVPTGRPYNVDTESALLYQGPHNTLFGYS VVLHSHGANRWLLVGAPTANWLANASVINPGAIYRCRIGKNPGQTCEQLQLGSPNG EPCGKTCLEERDNQWLGVTLRSRQPGENGSIIVTCGHRWKNIFYIKNENKLPTGGCYG VPPDLRTELSKRIAPCYQDYVKKFGENFASCQAGISSFYTKDLIVMGAPGSSYWTGS LFVYNITTNKYKAFLDKQNQVKFGSYLGYSVGAGHFERSQHTTEVVGGAPQHEQIGK AYIFSIDEKELNILHEMKGKLGSYFGASVCAVDLNADGFSDLLVGAPMQSTIREEGR

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VFVYINSGSGAVMAMETNLVGSDKYAARFGESIVNLGDIDNDGFEDVAIGAPQEDD  
 LQGAIYIYNGRADGISSTFSQRIEGLQISKSLSMFGQSISGQIDADNNGYVDVAVGAF  
 RSDSAVLLRTRPVVIVDASLSHPESVNRTKFDCVENGWPSVICDLTLCFSYKGKEVP  
 GYIVLFYNMSLDVNRKAESPFRFYFSSNGTSDVITGSIQVSSREANCRTHQAFMRKD  
 VRDILTPIQIEAAYHLGPHVISKRSTEEFPPLQPILQQKKEKDIMKKTINFARFCAHENC  
 SADLQVSAKIGFLKPHENKTYLAVGSMKTLMLNVSLFNAGDDAYETTLHVKLPVGLY  
 FIKILEEEKQINCEVTDNSGVVQLDCSIGYIYVDHLSRIDISFLLDVSSLSRAEEDLSIT  
 VHATCENEEEMDNLKHSRVTVAIPLKYEKLVHGFVNPTSFVYGSNDENEPETCM  
 VEKMNLTFFHVINTGNSMAPNVSVEIMVPNSFSPQTDKLFNILDVQTTTGECHFENYQ  
 RVCALEQQKSAMQTLKGIVRFLSKTDKRLLYCIKADPHCLNFLCNFGKMESGKEASV  
 HIQLEGRPSILEMDETSALKFEIRATGFPEPNPRVIELNKDENVAHVLLLEGLHHQRPK  
 RYFTIVIISSSLLLGLIVLLLISYVMWKAGFFKRQYKSILQEENRRDSWSYINSKSNDD

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) [ Homo sapiens ]
<b>Official Symbol</b>	ITGA4
<b>Synonyms</b>	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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