

Product datasheet for TP511547

Itga5 (NM_010577) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin alpha 5 (fibronectin receptor alpha) (Itga5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211547 representing NM_010577 Red =Cloning site Green =Tags(s)

MGSWTPRSPRSPLHAVLLRWGPRRLPPLLPLLLLLWPPPLQVGGFNLDAAEAPAVLSGPPGSLFGFSVEFY
 RPGRDGVSVLVGAPKANTSQPGVLQGGAVVCPWGTSPIQCTTIQFDSKGSRILESSLYSAKGEEPVEYK
 SLQWFGATVRAHGSSILACAPLYSWRTEKDPQNDPVGTCYLSTENFTRILEYAPCRSDFGSAAGQGYCQG
 GFSAEFTKTGRVVLGGPGSYFWQQILSATQEIQISESYPEYLINPVQGGQLQTRQASSVYDDSYLGYSVA
 VGEFSGDDTEDFVAGVPGKNLTYGYVTVLNGSDIHSLYNVSGEQMASYFGYAVAATDTNGDGLDLDLLVGA
 PLLMERTADGRPQEVGRVYIYLQRPAGIDPTPTLTLTGQDEFSRFGSSLTPLGDLQDGYNDVAIGAPFG
 GEAQQGVVFIIPGGPGLSTKPSQVLQPLWAAAGRTPDFFGSALRGGRDLDGNGYPDLIVGSFGVDKALVY
 RGRPIISASASLTIFPSMFNPEERSCSLEGNPVCINLSFCLNASGKHVPNSIGFEVELQLDWQKQKGGV
 RRALFLTSKQATLTQTLLIQNGAREDCREMKIYLRNESEFRDKLSPIHIALNFSLDPKAPMDSHGLRPVL
 HYQSKSRIEDKAQILLDCGEDNICVPLDQLDVYGEKKHVYLGDKNALNLTFHAQNLGEGGAYEAEALRVTA
 PLEAEYSGLVRHPGNFSSLSCDYFAVNQSRQLVCDLGNPMKAGTSLWGGRLRFTVPHLQDTKKTIQDFDQI
 LSKNLNNSQSNVVSFPLSVEAQAQVSLNGVSKPEAVIFPVS DWNPDQDPQKEEDLGPVHHVYELINQG
 P
 SSISQGVLELSCPQALEGQQLLYVTKV TGLSNCTS NYTPNSQGLELDPETSPHHLQKREAPGRSSTASGT
 QVLKCPEAKCFRLRCEFGPLHRQESRSLQLHFRVWAKTFLQREYQPFSLQCEAVYEALKMPYQILPRQLP
 QKKLQVATAVQWTKAEGSNGVPLWIIILAILFGLLLLGLLIYVLYKLGFFKRSLPYGTAMEKAQLKPPAT
 SDA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	115.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034707
Locus ID:	16402
UniProt ID:	P11688
RefSeq Size:	4397
Cytogenetics:	15 58.9 cM
RefSeq ORF:	3159
Synonyms:	Cd49e; F; Fnra; VLA5
Summary:	<p>The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes the integrin alpha 5 chain, which is proteolytically processed to generate light and heavy chains that join with beta 1 to form a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface mediated signaling. Integrin alpha 5 and integrin alpha V chains are produced by distinct genes. Homozygous knockout mice for this gene exhibit embryonic lethality. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]</p>