

Product datasheet for **TP511548**

Itga3 (NM_013565) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin alpha 3 (Itga3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211548 representing NM_013565 Red =Cloning site Green =Tags(s)
	<p>MGPGPCRVPRAPGWLLRALALMVAACGRVAFANLDRFLVWKEAVNPGSLFGYSVALHRQTERQQRYLL LAGAPRDLAVGDDYTNRTGAVYLCPLTAHKDDCERMDISEKSDPDHIIEDMWLGVTVASQGPAGRVLVC AHRYTKVLWSGLEDQRRMVGKCYVRGNLQLDPGDDWQTYHNEMCNSNTDYLTQGMCLGTSGGFTQNTV YFGAPGAYNWKGNYSYMIQRKDWDLSEYSYRGSEEQGNLYIGYTVQVGNAILHPTDIITVVTGAPRHQHMG AVFLLKQESGGDLQRKQVLKGTQVGAYFGSAIALADLNNDGWQDLLVGAPYYFERKEEVGGAVYVFMNQA GASFPDQPSLLLHGPSRSAFGISIASIGDINQDGFQDIAVGAPFEGLGKVIYHSSSGGLLRQPQIIHG EKLGLPGLATFGYSLSGKMDVDENLYPDLLVGSLSDHIVLLRARPVINILHRTLVARPAVLDPALCTATS CVQVELCFAYNQSAGNPNYRRNITLAYTLEADRDRRPPRLRFARSQSSVFHGGFFSMPETHCQTLELLMMD NVRDKLRPIVIAMNYSPLRMPDRLKGLRSLDAYPVLNQAQAMENHTEVHFQKECGPDNKCDNSLQMR AFLSEQLQPLSRLQYSRDTKKLFLSINVTNSPSSQRAGEDAHEALLTLEVPSALLSSVRPSGTCQANNE TILCELGNPFKRNQRMELLIAFEVIGVTLHTRDLPVLLQLSTSSHQDNLQPVLLTLQVDYTLQASLSLMN HRLQSFFGGTVMGEAAMKTAEDVGSPLKYEYFQVSPVGDGLAALGTLVLGLEWPYEVTNGKWLLYPTTEI HSNGSWPCQPSGNLVNPLNLTLSDPGVTPLSPPQRRRQLDPGGDQSSPPVTLAAAKKAKSETVLTCSNGR ARCVWLECLPDTSNITNVTVKARVWNSTFIEDYKDFDRVRVDGWATLFLRTSIPTINMENKTTWFSVDI DSELVEELPAEIELWLVLVAVGAGLLLLGLIILLWKC GFKRRARTRALYEAKRQKAEMK SQPSETERLT DDY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	117.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_038593
Locus ID:	16400
UniProt ID:	Q62470
RefSeq Size:	4870
Cytogenetics:	11 59.01 cM
RefSeq ORF:	3159
Synonyms:	AA407068; CD49C; GAPB3
Summary:	<p>This gene encodes a subunit of integrin family of cell surface proteins. The encoded protein undergoes post-translational processing to form a disulfide bond-linked dimer comprised of heavy and light chains. At the cell surface, the encoded protein non-covalently associates with the integrin beta-1 subunit to form a heterodimer that interacts with many extracellular matrix proteins including fibronectin and laminin. Mice lacking the encoded protein die during the first day after birth due to severe abnormalities in kidneys. Mice lacking the encoded protein specifically in the basal layer of epidermis display several skin defects and accelerated wound healing. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]</p>