

Product datasheet for TP524505

Itga9 (NM_133721) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin alpha 9 (Itga9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR224505 representing NM_133721
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGGPAAARXXGAGGLRALLLALVAAGVPAGAYNLDAQRPVRFQGPSGSFFGYAVLEHFHDNTRWVLVGAP
KADSKYSTSVKSPGAVFKRVHTNPDRRCTELDMARGRTRGAPCGKTCRGDRDDEWMGVSLARQPRADGR
VLACAHRWKNIYYEADHILPHGFCYLIPSNLQAKGKVLIPCYEYKKKYGEEHGSCQAGIAGFFTEELV
MGAPGSFYWAGTLKVLNLTNTYFKLNDEAIMNRRYTYLGYAVTAGHFSHPISITDVGAPQDEGIGKVY
IFRADRRSGTLIKIFQASGKKMGSYFGSSLCAVDLNMDSLGLLVGAPMFSEIRDEGQVTVYLNQGHGAL
EEQLTLTGDAAYNAHFGEISIANLGDIDDDGFPDVAVGAPKEEDFAGAVYIYHGDANGIVPKYSMKLSGRR
LNPTLRMFGQSISGGIDMDGNGYPDVTIGAFLSDSVLLRARPVITVDVSIFLPGSINITAPQCHDQQP
VNCLNVTVCFRHHGKNVPGEIGLNYNLTADVAQKEKGQLPRVYFVLFGETAGQVSERLQLSHMDEVCHHY
VAHVKRRVQDVISPIVFEAAYSLDEHVMGEEDRELDPDLPVLRWKKGQRISQKNQTVFERNCQSEDCAAD
LQLRGKLLSSVDEKTPHLALGAVKNISLNISISNLGDDAYDANVSFNVSRELFINMWQKEEMGISCEL
LESDFLKCSVGFPMRSKSKYEFSVIFDTSLSGEEILSFIVTAQSGNLERSEALHDNTLTLTVPLVHE
VDTSITGIVSPTSIFYGESVDASNFIQLDDQECHFQPVNITLQVYNMGPSTLPGSSVSISFSPRLSPGGA
EMFQVQDMVVSQEKGNCSLQRNPTCIIPQEENIFHTIFAFFSKGRKVLDCFKPGSFCLTLHCNLSAL
PKEESRTINLYMLLNTEILKKDSSSVIQFMARAKVKVEPALRVVEIANGNPEETLVVFEALHNLEPRGYV
VGWIIAISLLVILIFLLAVLLWKMGGFFRRRYKEIIEAKNRKENEDGWDWVQKNQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	114.9 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_598482
Locus ID:	104099
UniProt ID:	B8JK39
RefSeq Size:	7001
Cytogenetics:	9 70.32 cM
RefSeq ORF:	3111
Synonyms:	(alpha)9; 2610002H11Rik; 6720458D17Rik; AI461869; D9Erd428e; D130073C02
Summary:	Integrin alpha-9/beta-1 (ITGA9:ITGB1) is a receptor for VCAM1, cytotactin and osteopontin. It recognizes the sequence A-E-I-D-G-I-E-L in cytotactin.[UniProtKB/Swiss-Prot Function]