

## Product datasheet for TP522526

### Itga2b (NM\_010575) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin alpha 2b (Itga2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222526 protein sequence Red=Cloning site Green=Tags(s)

MARASCAWHSLWLLQWTPFLFGPSAVPPVWALNLDSEKFSVYAGPNGSHFGFSVDFHKDKHGSVSIVVGA  
PRALNASQEETGAVFLCPWKANGGKCNPLLFDLRDETRNLGFQIFQTFKTGQGLGASVSWNDVIVACAP  
WQHWNVLEKRDEAEKTPVGGCFLAQLQSGGRAEYSPCRANTMSSVYAESFRGDKRYCEAGFSLAVTQAGE  
LVLGAPGGYFFLGLLARVPIENIISYRPGTLLWHVSNQRFTYDNSNPVFFDGYRGYSVAVGEFDGDPST  
TEYVSGAPTWSWTLGAVEILDSYYQPLHRLHGEQMASYFGHSVAVTDVNGDGRHDLLVGAPLYMESRADR  
KLAEVGRVYLFQPKGPQALSTPTLLLTGTQLYGRFGSAIAPLGDNLNRDGYNDIAVAAPYGGPSGGQVL  
IFLGQSEGLSPRPSQVLDSPFPTGSGFGFSLRGAVDIDDNGYPDLIVGAYGASKVAVYRAQPVMATVQL  
MVQDSLNP TLKNCVLDQTKTPVSCFNIQMCVGATGHNIPQKLHLKAEQLDLQKPRQRRVLLASQQAS  
LTLSLDLGGRDKPICHTTGAFLRDEADFRDKLSPIVLSLNVSLPPEETGGAPAVVLHGETHVQEQTRIIIL  
DCGEDDLVLPQLRLTATAGDSPLLIGADNVLELKIEAANDGEGAYEAEAVHLPPGAHYMRALSNIIEGFE  
RLVCTQKKENESRVALCELGNPMKKDTRIGITMLVSVENLEEAGESVSFQLQVRSKNSQNPNSKVVMLPV  
AIQAEATVELRGNSFPASLVAAEEGDREQEDLDRWVSRLEHTYELHNIGPGTVNGLRLLIHIPGQSQPS  
DLLYILDVQPQGLLCSTQSPKVDWKLSTPSPSSIRPVHHQRERRQAFLLQPKPGQQDPVLVSCDGSAS  
CTVVECELREMRGQRAMVTVQVMLGLSSLRQRPQEQLVLSHAWFNVSSLPYSVPVWVSLPSGQARVQTQ  
LLRALEERAIPVWWWLVGLVGLGLLLLLTLVLAMWKAGFFKRNRPPLEDEEEEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	112.7 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



[View online »](#)

<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_034705</a>
<b>Locus ID:</b>	16399
<b>UniProt ID:</b>	<a href="#">Q9QUM0</a>
<b>RefSeq Size:</b>	3437
<b>Cytogenetics:</b>	11 66.29 cM
<b>RefSeq ORF:</b>	3102
<b>Synonyms:</b>	AI172977; alphaIIb; CD41; CD41B; GpIIb
<b>Summary:</b>	Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.[UniProtKB/Swiss-Prot Function]