

## Product datasheet for TP510654

### Itgb6 (NM\_001159564) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin beta 6 (Itgb6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210654 representing NM_001159564 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGIELVCLFLLLLGRNDHVQGGCAWGGAESDCCLLTGPHCAWCSQENFTHLSGAGERCDTPANLLAKGC  
QLPFIENPVSRIEVLQNKPLSVGRQKNSSDIVQIAPQSLVLKLRPGREQLVQVVRQTEDYPVDLYYLM  
LSASMDDLNTIKELGSRLAKEMSKLTSNFRLLGFGSFVEKPVSPFMKTTPEEITNPCSSIPYFCLPTFGF  
KHILPLTDDAERFNEIVRKQKISANIDTPEGGFDAIMQAAVCKEKIGWRNDSLHLLVVFVSDADSHFGMDS  
KLAGIVIPNDGLCHLDHRNEYSMSTVLEYPTIGQLIDKLVQNNVLLIFAVTQE QVHLYENYAKLIPGATV  
GLLQKDSGNILQLIISAYEELRSEVELEVLGDTEGLNLSFTALCNNGVLFPHQKCKSHMKVGD TASFNVT  
VSVSNCEKRSRNLIIKPVGLGDTLEILVSAECD CDCQREIETNSSKCHNGNGSFQCGVCTCNPGHMGP  
HCEGDMVSTDSCKESPGHPSCSGRGDCYCGQCICHLSPYGSYGPYCQCDNFSLRHKGLLCGDN GDCDC  
GECVCRDGTGEYCNCTNRDSCSEGDVLCSGRGDCVCGKVCVRNPGASGPTCERCPTCGDPCNSKRSC  
IECYLSADGQAQEECADKCKAIGATISEEDFSKDTSVSCSLQGENECLITFLITTDNEGKTIHININEKD  
CPKPPNIPMIMLGVSLAILLIGVLLCIWKLVSFHDRKEVAKFEAERSKAKWQTGTNPLYRGSTSTFKN  
VTYKHREKHKAGLSSDG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	86.5 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
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.



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<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_001153036</a>
<b>Locus ID:</b>	16420
<b>UniProt ID:</b>	<a href="#">Q9Z0T9</a>
<b>RefSeq Size:</b>	4894
<b>Cytogenetics:</b>	2 34.81 cM
<b>RefSeq ORF:</b>	2361
<b>Synonyms:</b>	2210409C20Rik; 4831415H04Rik
<b>Summary:</b>	<p>Integrin alpha-V:beta-6 (ITGAV:ITGB6) is a receptor for fibronectin and cytotactin (By similarity). It recognizes the sequence R-G-D in its ligands (PubMed:10025398). ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (By similarity). Integrin alpha-V:beta-6 (ITGAV:ITGB6) mediates R-G-D-dependent release of transforming growth factor beta-1 (TGF-beta-1) from regulatory Latency-associated peptide (LAP), thereby playing a key role in TGF-beta-1 activation (PubMed:10025398).[UniProtKB/Swiss-Prot Function]</p>