

Product datasheet for **TP527156**

Itgb4 (NM_133663) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin beta 4 (Itgb4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA Clone >MR227156 representing NM_133663
 or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MAGPCCSPWVKLLLLAAMLSASLPGDLANRCKKAQVKSCTECIRVDKSCAYCTDELFKERRCNTQAELLA
 AGCRGESILVMESSELEITENTQIDTSLHRSQVSPQGLQVRLRPGEERSFVFQVFEPLVLDLYILMDFS
 NSMSDDLNLKQMGQNLAKILRQLTSDYTIGFGKFVDKVSVPQTDMRPEKLKEPWPNSDPPFSFKNVISL
 TENVEEFWNKLQGERISGNLDAPEGGFDAILQTAVCTRDIGWRADSTHLLVFSTESAFHYEADGANVLAG
 IMNRNDEKCHLDASGAYTQYKTQDYPSVPTLVRLLAKHNIPIFAVTNYSYSYIEKLNHYFVSSLGLVQ
 EDSSNIVELLEEFYRIRSNLDIRALDSPRGLRTEVTSDTLQKTETGFSFHKIRGEVGTYNVHLRAVEDID
 GTHVCQLAKEDQGGNIHLKPSFSDGLRMDASVICDVCPELQKEVRSARCHFRGDFMCGHCVCNEGWSGK
 TCNCSTGSLSDTQPCLREGEDKPCSGHGECQCGRCVCYEGEGRYEGHFCEYDNFQCPRTSGFLCNDGRCS
 MGECVCEPGWTGRSCDCPLSNATCIDSNGGICNGRGYCECGRCHCNQQLYDQTTCEINYSAIRLGLCED
 LRSCVQCQAWGTGEKKGRACDDCPFKVKMVDLKKKEEVEYCSFRDEDDCTYSYNVEGDGSPGNSTVL
 VHKKKDCPPGSFWWLIPLLIIFLLLLLALLLLCWKYCACCKACLGLLPCCNRGHMVGFKEDHYMLRENLM
 ASDHLDTPMLRSGNLKGRDTRWKITNNVQRPGFATHAASSTPELVYGLSLRLGRLCTENLMKPGTRE
 CDQLRQEVEENLNEVYRQVSGAHKLQQTFRQQPNTGKKQDHTIVDVTLLAPRSKQMLLKLTEKQVEQG
 SFHELKVAPGYTVAEQDARGMVEFQEGVELVDVRVPLFIRPEDDDEKQLLVEAIDVPGTATLGRRLV
 NITIIKEQASGWSFEQPEYSVSRGDQVARIPVIRHILDNGKSQVSYSTQDNTAHGHRDYVPVEGELLFH
 PGETWKELQVKLLELQEVDSLLRGRQVRRFQVQLSNPKFGARLQGPSTTTVILGEHDETRSLINQTLSS
 PPPPHGDLGAPQNPNAKAAGSRKIHFNLPPPGKPMGYRVKYWIQGDSESEAHLLDSKVPVELTNLYPY
 CDYEMKVCAQGAQGGEPYSSLVSCRTHQVEPSEPGRLAFNVVSVSTVTQLSWAEPAAETNGEITAYEVCYGL
 VNEDNRPIGPMKKVLVDNPKNRMLLIENLRESQPYRYTVKARNGAGWGPEREAIINLATQPKRPMSEPII
 PDIPVDAQGGEDYENFLMYSDDVLRSPASSQRPSVSDDEHLVNGRMDFAYPGSANSLHRMTAANVAYG
 THLSPLSHRVLSTSSLTTRDYHSLTRTEHSHSGTLPRDYSTLTSLSQDSRGAVGVPDTPTRLVFSALG
 PTSLKVSQWQEPQCDRMLLGYSVEYQLLNGGEMHRLNIPNPGQTSVVEDLLPNHSVFRVRAQSQEGWGR
 EREGVITIESQVHPQSPLCPLPGSAFTLSTPSAPGPLVFTALSPDSLQLSWERPRRPNGDILGYLVTCM
 AQGGAPARTFRVDGDNPE SRLTPGLSENVYPYKFKVQARTTEGFGPEREIIIESQVGGPFPQLGSHSG
 LFQNPVQSEFSSVTSTHSTTTEPFLMDGLTLGTQRLEAGGSLTRHVTQEFVTRTLTASGSLSTHMDQQFF
 QT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

- Tag:** C-MYC/DDK
- Predicted MW:** 195.1 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.

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_598424
Locus ID:	192897
RefSeq Size:	6010
Cytogenetics:	11 80.91 cM
RefSeq ORF:	5256
Synonyms:	AA407042; C230078O20; CD104
Summary:	<p>Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p>