

Product datasheet for TP524242

Itgb7 (NM_013566) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin beta 7 (Itgb7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR224242 representing NM_013566
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MVDSSTVLIFLLVLGGGQSELDTKITSSGEEAEWEDPDLSQLGSCQVPVSCQKCILSHPSCAWCKQLNFT
ASGEAEARRCARREELLARGCPAQELEPRGRQEVLDKPLSQGDRGEGATQLAPQRIRVTLRPGEPQKF
RVRFLRAAGYPVDLYLMDLSYSMKDDLERVRQLGHALLVRLQEVTHSVRIGFGSFVDKTVLPFVSTVPS
KLHHPGPSRLERCQPPFSFHHVLSLTGDAQAFEREVGRQNVSGNLDSPGGFDAILQAALCQEIQIWRNV
SRLLVFTSDDTFHTAGDGKLGIFMPDGRCHLDSNGVYTNSAEFDYPSVGQVAQALTAANIPIFAVTG
ATLPVYQELRQLIPKSAVGELSEDSSNVVQLIMDAYDSLSTVTLHESPLPPGVSISFESHCKGPEKTEG
EAGDRGQCNDVRVNQTVDFWVTLQATHCLPEAHVLRLLWALGFSEELTVLHTVCDNCNGDAQPHAPYCSD
GQGDLQCIGCSCAPGRLGQLCECSEADLSSPDLESGCRAPNGTGPLCSGKGRQCGRCSGQSSGRLCE
CDDASCRHEGILCGGFGHCQCGVCHCHANHTGRACECSKSVDSVCVSPGGGLCSGHGYCKNRCQCLDGY
YGALCDQCLGCKSPCEQYRDCAECGAFGTGPLAANCSVVCADVNVTLTLAPNLDDGWCKERTIDNQLFFF
LVEHAASGIVLRVPQEKGVDPHTRAILGCTGGIVAVGLGLVLAIRLSVEIYDRREYRRFEKEQQQLNWK
QDNNPLYKSAITTTVNPRFQGTNGRSPSLSLTREAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	87.9 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
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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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_038594
Locus ID:	16421
UniProt ID:	P26011
RefSeq Size:	2696
Cytogenetics:	15 57.39 cM
RefSeq ORF:	2418
Synonyms:	Ly69
Summary:	Integrin alpha-4/beta-7 (Peyer patches-specific homing receptor LPAM-1) is involved in adhesive interactions of leukocytes. It is a receptor for fibronectin and recognizes one or more domains within the alternatively spliced CS-1 region of fibronectin. Integrin alpha-4/beta-7 is also a receptor for MADCAM1 and VCAM1. It recognizes the sequence L-D-T in MADCAM1. Integrin alpha-E/beta-7 is a receptor for E-cadherin.[UniProtKB/Swiss-Prot Function]