

Integrin Beta 2 (ITGb2) Recombinant Protein | ITGb2 recombinant protein

Recombinant Integrin Beta 2 (ITGb2)

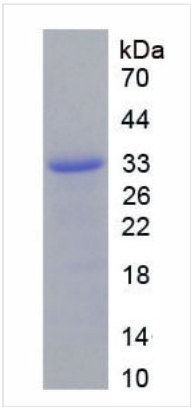
CATALOG # AAA133934	HOST E.coli	REACTIVITY Mouse	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Integrin Beta 2 (ITGb2); Recombinant Integrin Beta 2 (ITGb2); ITGb2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mouse
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH 8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300
Concentration	Original Concentration: 200ug/ml (varies by lot)
Applicable Applications for ITGb2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala431-Met652
Tags	N-terminal His Tag
Tissue Specificity	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Predicted Molecular Mass	27.9kDa
Accurate Molecular Mass	33kOa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage:Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



ALGFTDTVTV QVRPQCECQC
RDQSREQSLC GKGVMMECGI CRCESGYIGK NCECQTQGRS SQELERNCRK
DNSSIVCSGL GDCICGQCVC HTSDVPNKEI FGQYCECDNV NCERYNSQVC
GGSDRGSCNC GKCSCKPGYE GSACQCQRST TGCLNARLVE CSGRGHCQCN
RCICDEGYQP PMCEDCPSCG SHCRDNHTSC AECLKFDKGP FEKNCSVQCA
GM

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	111607447
NCBI GeneID	16414
NCBI Accession #	NP_032430.2
NCBI GenBank Nucleotide #	NM_008404.4
UniProt Accession #	P11835; Q64482
NCBI Official Full Name	integrin beta-2
NCBI Official Synonym Full Names	integrin beta 2
NCBI Official Symbol	Itgb2
NCBI Official Synonym Symbols	2E6; LAD; Cd18; Lfa1; MF17; LCAMB; AI528527
NCBI Protein Information	integrin beta-2; Mac-1 beta; macrophage antigen-1 beta; complement receptor C3 subunit beta; lymphocyte function associated antigen 1; cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta
UniProt Protein Name	Integrin beta-2
UniProt Gene Name	Itgb2
UniProt Entry Name	ITB2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.