

Datasheet for ABIN5854581

Integrin beta 2 Protein (ITGB2) (AA 23-700) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Integrin beta 2 (ITGB2)
Protein Characteristics:	AA 23-700
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Integrin beta 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QECTKFKVSS CRECIESGPG CTWCQKLNFT GPGDPDSIRC DTRPQLLMRG CAADDIMDPT SLAETQEDHN GGQKQLSPQK VTLYLPRGQA AAFNVTFRRA KGYPIDLYYL MDLSYSMLDD LRNVKKLGGD LLRALNEITE SGRIGFGSFV DKTVLPFVNT HPDKLRNPCP NKEKECQPPF AFRHVLKLTN NSNQFQTEVG KQLISGNLDA PEGGLDAMMQ VAACPEEIGW RNVTRLLVFA TDDGFHFAGD GKLGAITPN DGRCHLEDNL YKRSNEFDYP SVGQLAHKLA ENNIQPIFAV TSRMVKTYEK LTEIIPKSAV GELSESSNV VQLIKNAYNK LSSRVFLDHN ALPDTLKVTY DSFCSNGVTH RNQPRGDCDG VQINVPITFQ VKVTATECIQ EQSFVIRALG FTDIVTVQVL PQCECRCDQ SRDRSLCHGK GFLECGICRC DTGYIGKNCE CQTQGRSSQE LEGSCRKDNN SIICSGLGDC VCGQCLCHTS DVPGKLIYGQ YCECDTINCE RYNGQVCGGP GRGLCFGKGC RCHPGFEGSA CQCERTTEGC LNPRRVECSG RGRRCRCNVCE CHSGYQLPLC QECPGCPSPC GKYISCAECL KFEKGPFQGN CSAACPGLQL SNNPVKGRTC KERDSEGCVV AYTLEQQDGM DRYLIYVDES RECVAGPNLE HHHHHH
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Product Details

Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

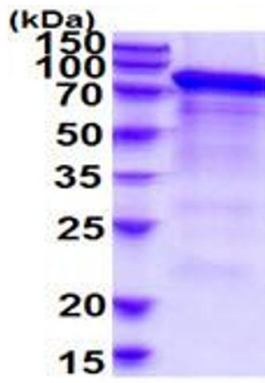
Target:	Integrin beta 2 (ITGB2)
Alternative Name:	ITGB2 (ITGB2 Products)
Background:	ITGB2, also known as integrin beta-2, is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It may belong to an extended family of cell surface molecules including the fibronectin binding protein. Also It is a complement receptor type 3 (CR3). It triggers neutrophil transmigration during lung injury through PTK2B/PYK2-mediated activation. Recombinant human ITGB2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	75.9kDa (686aa) 70-100kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_000202
Pathways:	NF-kappaB Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades , Activated T Cell Proliferation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.