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Datasheet for ABIN5853446  
**ITGB1 Protein (AA 21-465) (His tag)**

1 Image

Overview

Quantity:	100 µg
Target:	ITGB1
Protein Characteristics:	AA 21-465
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITGB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>MGSSHHHHHH SSSLVPRGSH MQTDENRCLK ANAKSCGECI QAGPNCGWCT NSTFLQEGMP          TSARCDDLEA LKKKGCPPDD IENPRGSKDI KKNKNVTNRS KGTAELKPE DITQIQPQL          VLRLRSGEQ TFTLKFRAE DYPIDLYLM DLSYSMKDDL ENVKSLGTDL MNEMRRITSD          FRIGFGSFVE KTVMPYISTT PAKLRNPCTS EQNCTSPFSY KNVLSLTNKG EVFNELVGKQ          RISGNLDSPE GGFDAIMQVA VCGSLIGWRN VTRLLVFSTD AGFHFAGDGK LGGIVLPNDG          QCHLENNMYT MSHYYDYPSI AHLVQKLSN NIQTIFAVTE EFQPVYKELK NLIPKSAVGT          LSANSSNVIQ LIIDAYNSLS SEVILENGKL SEGVTISYKS YCKNGVNGTG ENGRKCSNIS          IGDEVQFEIS ITSNKCPKKD SDSFKIRPLG FTEEVEVILQ YICECE</p>
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Purity:	> 80 % by SDS - PAGE
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Target Details

Target:	ITGB1
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## Target Details

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Alternative Name:	ITGB1 ( <a href="#">ITGB1 Products</a> )
Background:	Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. Recombinant human ITGB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	51.7kDa (462aa)
NCBI Accession:	<a href="#">NP_002202</a>
UniProt:	<a href="#">P05556</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">Integrin Complex</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

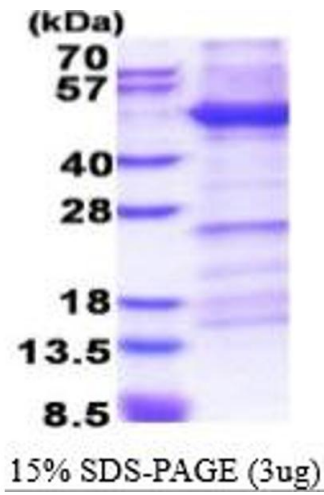
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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M Urea, 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.



SDS-PAGE

Image 1.