

Datasheet for ABIN5709771

## Integrin Alpha2b Protein (CD41) (AA 639-887, partial) (His-SUMO Tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Integrin Alpha2b (CD41)
Protein Characteristics:	AA 639-887, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Integrin Alpha2b protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	CVPQLQLTAS VTGSPLLVGA DNVLELQMDA ANEGEGAYEA ELAVHLPQGA HYMRALSNVE GFERLICNQK KENETRVVLC ELGNPMKKNA QIGIAMLVSV GNLEEAGESV SFQLQIRSKN SQNPNSKIVL LDVPVRAEAQ VELRGNSFPA SLVVAEEGE REQNSLDSWG PKVEHTYELH NNGPGTVNGL HLSIHLPGQS QPSDLLYILD IQPQGGLQCF PQPPVNPLKV DWGLPIPSPS PIHPAHHKR
Purification:	SDS-PAGE
Purity:	> 90 %

#### Target Details

Target:	Integrin Alpha2b (CD41)
Alternative Name:	ITA2B ( <a href="#">CD41 Products</a> )

## Target Details

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**Background:** Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.

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**Molecular Weight:** 42.97 kDa

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**UniProt:** [P08514](#)

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**Pathways:** [Integrin Complex](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 0.1-2 mg/mL

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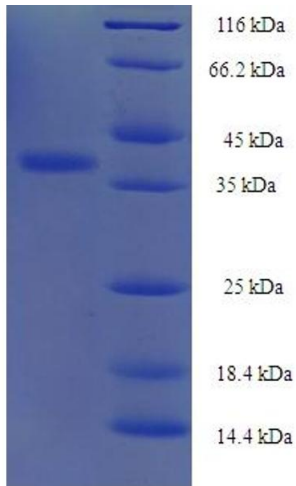
**Buffer:** 20 mM Tris-HCl based buffer, pH 8.0

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**Storage:** -80 °C, 4 °C, -20 °C

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**Storage Comment:** Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



### SDS-PAGE

Image 1.