abcam

Product datasheet

Recombinant Human ITGB1BP3 protein ab131678

1 Image

Description

Product name	Recombinant Human ITGB1BP3 protein
Purity	> 90 % SDS-PAGE. ab131678 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9NPI5
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKLIVGI GGMTNGGKTT LTNSLLRALP NCCVIHQDDF FKPQDQIAVG EDGFKQWDVL ESLDMEAMLD TVQAWLSSPQ KFARAHGVSV QPEASDTHIL LLEGFLLYSY KPLVDLYSRR YFLTVPYEEC KWRRSTRNYT VPDPPGLFDG HVWPMYQKYR QEMEANGVEV VYLDGMKSRE ELFREVLEDI QNSLLNRSQE SAPSPARPAR TQGPGRGCGH RTARPAASQQ DSM
Predicted molecular weight	28 kDa including tags
Amino acids	1 to 230
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab131678** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

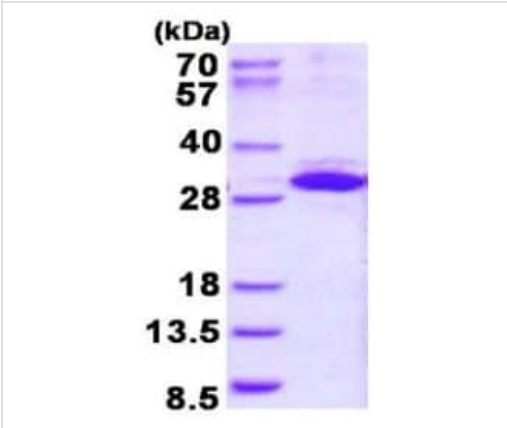
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function	Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). Reduces laminin matrix deposition and cell adhesion to laminin, but not to fibronectin. Involved in the regulation of PXN at the protein level and of PXN tyrosine phosphorylation. May play a role in the regulation of terminal myogenesis.
Tissue specificity	Predominantly expressed in skeletal muscle and, at a much lower level, in the heart (at protein level). No expression in brain, kidney, liver, lung, pancreas nor placenta.
Pathway	Cofactor biosynthesis; NAD(+) biosynthesis.
Sequence similarities	Belongs to the uridine kinase family. NRK subfamily.

Images



SDS-PAGE - Recombinant Human ITGB1BP3 protein (ab131678)

15% SDS-PAGE analysis of 3 µg ab131678.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish

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