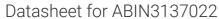
antibodies -online.com





ITGB3BP Protein (AA 1-176) (His tag)



Image



Go to Product page

\sim						
	1//	Д	r۱	1	Θ 1	٨

Quantity:	1 mg
Target:	ITGB3BP
Protein Characteristics:	AA 1-176
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITGB3BP protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS), Crystallization (Crys)
Product Details	
Sequence:	MPVKRSLKLD DQFEKNSFSP SKIVRKKSIT AYSPTTGTYQ LSPFSSPATP KEQEHRNGPS
	NETRKRSNLS SPVRQESTVK DRDGFMVLLS KIEISSEKTM EIMKNLSSIQ ALEGNRQLED
	LIGVSLVPCS LKSEARKTKE LMTKVIKQKL FEKKKSRITP KDHHLDSFEF LKAILN
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	special request, please contact us.
Characteristics:	 Made in Germany - from design to production - by highly experienced protein experts. Mouse Itgb3bp Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade. State-of-the-art algorithm used for plasmid design (Gene synthesis).
	This protein is a made to order protein and will be made for the first time for your order. Our
	experts in the lab will ensure that you receive a correctly folded protein.
	The big advantage of ordering our made-to-order proteins in comparison to ordering custom

made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered.

The concentration of our recombinant proteins is measured using the absorbance at 280nm.

The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient of each protein.

Purification:

Two step purification of proteins expressed in bacterial culture:

- 1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.
- 2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.

Purity:

>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.

Sterility:

0.22 µm filtered

Endotoxin Level:

Endotoxin has not been removed. Please contact us if you require endotoxin removal.

Grade:

Crystallography grade

Target Details

Target:	ITGB3BP
Alternative Name:	Itgb3bp (ITGB3BP Products)
Background:	Transcription coregulator that can have both coactivator and corepressor functions. Involved in
	the coactivation of nuclear receptors for retinoid X (RXRs) and thyroid hormone (TRs) in a
	ligand-dependent fashion. In contrast, it does not coactivate nuclear receptors for retinoic acid,
	vitamin D, progesterone receptor, nor glucocorticoid. Acts as a coactivator for estrogen

	receptor alpha. Acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit, possibly by interfering with the transactivation domain of NFKB1. Induces
	apoptosis in breast cancer cells, but not in other cancer cells, via a caspase-2 mediated
	pathway that involves mitochondrial membrane permeabilization but does not require other
	caspases. May also act as an inhibitor of cyclin A-associated kinase. Also acts a component of
	the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is
	involved in assembly of kinetochore proteins, mitotic progression and chromosome
	segregation. May be involved in incorporation of newly synthesized CENPA into centromeres
	via its interaction with the CENPA-NAC complex (By similarity). {ECO:0000250}.
Molecular Weight:	21.0 kDa Including tag.
UniProt:	Q9CQ82
Pathways:	Neurotrophin Signaling Pathway
Application Details	
Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
	as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee though.
Comment:	Protein has not been tested for activity yet. In cases in which it is highly likely that the
	recombinant protein with the default tag will be insoluble our protein lab may suggest a higher
	molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible
	options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.

-80 °C

Store at -80°C.

Unlimited (if stored properly)

Storage:

Expiry Date:

Storage Comment:



Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process