

Product datasheet

Recombinant Human ITGB3BP protein (denatured) ab156338

[1 Image](#)

Description

Product name	Recombinant Human ITGB3BP protein (denatured)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	Q13352-5
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPFAPVA QARVQWHDFR SLQHLLPAFK RFSCLSLGSS WDYSVKRSLK LDGLLENSF DPSKITRKKK VITYSPTTGT CQMSLFASPT SSEEQKHRNG LSNEKRKKLN HPSLTESKES TTKDNDEFMM LLSKVEKLSE EIMEIMQNLS SIQALEGSRE LENLIGISCA SHFLKREMOK TKELMTKVNK QKLFEKSTGL PHKASRHLDS YEFLKAILN
Predicted molecular weight	27 kDa including tags
Amino acids	1 to 216
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab156338** 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

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: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

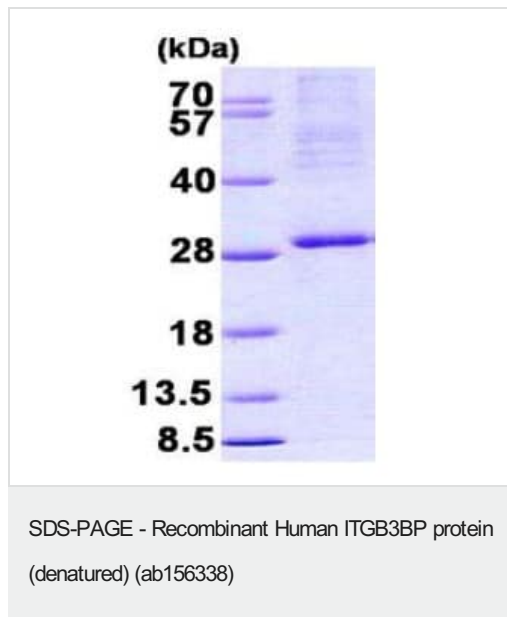
Relevance

ITGB3BP is a transcriptional coregulator that has both coactivator and corepressor functions. Isoform 1, but not other isoforms, is involved in the coactivation of nuclear receptors for retinoid X (RXRs) and thyroid hormone (TRs) in a ligand-dependent fashion. ITGB3BP also acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit. ITGB3BP induces apoptosis in breast cancer cells, but not in other cancer cells, via a caspase-2 mediated pathway that involves mitochondrial membrane permeabilization. It also acts as a component of the CENPH-CENPI centromeric complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation.

Cellular localization

Isoform 1: Nucleus. Isoform 2: Nucleus. Isoform 3: Nucleus. Cytoplasm. Isoform 4: Cytoplasm.
Note=Localizes in the centromeres. Isoform 3 is predominantly nuclear and weakly cytoplasmic.

Images



15% SDS-PAGE analysis of ab156338 (3µg).

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

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