
Product Data Sheet

Product Name: ITGB3BP Human
 Cat. No.: GP23719
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CENP-R; CENPR; HSU37139; NRIF3; TAP20; Centromere protein R; Beta-3-endonexin; Integrin beta-3-binding protein; Nuclear receptor-interacting factor 3; ITGB3BP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPFAPVA QARVQWHDFR SLQHLLPAFK RFSCLSLGSS WDYSVKRSLK LDGLLENSF DPSKITRKKK VITYSPTTGT CQMSLFASPT SSEEQKHRNG LSNEKRKRLN HPSLTESKES TTKDNDEFMM LLSKVEKLSE EIMEIMQNL SIALEGSRE LENLIGISCA SHFLKREMOK TKELMTKVNK QKLFEKSTGL PHKASRHLDS YEFLKAILN.		
Formulation	The ITGB3BP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Integrin Beta 3 Binding Protein (ITGB3BP1) is a broadly expressed protein which contains a DD1 or RepD1 domain and an LXXLL motif. ITGB3BP1 functions as a nuclear receptor coactivator while induced by estrogen. ITGB3BP1 is also related with the CENP-A-CAD complex that is engaged in mitotic progression, the assembly of kinetochore proteins and chromosome segregation. ITGB3BP1 behaves as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit by interfering with the transactivation domain of NFKB1.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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ITGB3BP Human Recombinant produced in E. coli is a single polypeptide chain containing 239 amino acids (1-216) and having a molecular mass of 27.1kDa. ITGB3BP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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