9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13273: ITGB4 Human

Alternative Name : Integrin beta-4, GP150, CD104, ITGB4, Integrin Subunit Beta 4, CD104 Antigen, Integrin, Beta 4, Integrin Beta-4.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
ITGB4 (integrin beta-4 isoform 1) belongs to the Integrin beta family. ITGB4 forms noncovalent heterodimers with Integrin alpha 6 and takes part in the formation of epithelial hemidesmosomes. ITGB4 has a vital structural role in the hemidesmosome of epithelial cells and is needed for the regulation of keratinocyte motility & polarity. ITGB4 leans towards the association with alpha 6 subunit and is expected to take a key role in the biology of invasive carcinoma.
ITGB4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 691 amino acids (28-710a.a.) and having a molecular mass of 77.5kDa. (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). ITGB4 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ITGB4 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.
Storage condition :	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.
Amino Acid :	NRCKKAPVKS CTECVRVDKD CAYCTDEMFR DRRCNTQAEL LAAGCQRESI VVMESSFQIT EETQIDTTLR RSQMSPQGLR VRLRPGEERH FELEVFEPLE SPVDLYILMD FSNSMSDDLD NLKKMGQNLA RVLSQLTSDY TIGFGKFVDK VSVPQTDMRP EKLKEPWPNS DPPFSFKNVI SLTEDVDEFR NKLQGERISG NLDAPEGGFD AILQTAVCTR DIGWRPDSTH LLVFSTESAF HYEADGANVL AGIMSRNDER CHLDTTGTYT QYRTQDYPSV PTLVRLLAKH NIIPIFAVTN YSYSYYEKLH TYFPVSSLGV LQEDSSNIVE LLEEAFNRIR SNLDIRALDS PRGLRTEVTS KMFQKTRTGS FHIRRGEVGI YQVQLRALEH VDGTHVCQLP EDQKGNIHLK PSFSDGLKMD AGIICDVCTC ELQKEVRSAR CSFNGDFVCG QCVCSEGWSG QTCNCSTGSL SDIQPCLREG EDKPCSGRGE CQCGHCVCYG EGRYEGQFCE YDNFQCPRTS GFLCNDRGRC SMGQCVCEPG WTGPSCDCPL SNATCIDSNG GICNGRGHCE CGRCHCHQQS LYTDTICEIN YSAIHPGLCE DLRSCVQCQA WGTGEKKGRT CEECNFKVKM VDELKRAEEV VVRCSFRDED DDCTYSYTME GDGAPGPNST VLVHKKKDCP PGSLEHHHHH H

For Research Use Only. Not for use in diagnostic/therapeutics procedures.