9051 Mira Mesa Blvd, #910094
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ITGB4 Human

Integrin Beta 4 Human Recombinant
RCP1139

Product Overview

Name	ITGB4 Human
Description	
Integrin Beta 4 Human Recombinant	
Accession (Primary)	P16144
Synonyms	
Integrin beta-4, GP150, CD104, ITGB4, Integrin Subunit Beta 4, CD104 Antigen, Integrin, Beta 4, Integrin Beta-4.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ITGB4 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
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	

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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 PGS LEHHHHH H

Precautions

ITGB4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16144)