Recombinant Human ITGB7

Cat. No. ITGB7-28499TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Integrin beta 7 with N terminal proprietary tag; Predicted MWt 113.85 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	798 amino acids
Description	Integrin beta-7 is a protein that in humans is encoded by the ITGB7 gene.
Molecular Weight	113.850kDa inclusive of tags
Tissue specificity	Expressed in a variety of leukocyte lines.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MVALPMVLVLLLVLSRGESELDAKIPSTGDATEWRNPHLS MLGSCQPAPSCQKCIL

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	SHPSCAWCKQLNFTASGEAEARRC ARREELLARGCPLEELEEPRGQQEVLQDQPL SQGARGEGA TQLAPQRVRVTLRPGEPQQLQVRFLRAEGYPVDLYYLMDL SYSMK DDLERVRQLGHALLVRLQEVTHSVRIGFGSFVDKT VLPFVSTVPSKLRHPCPTRLER CQSPFSFHHVLSLTGDAQ AFEREVGRQSVSGNLDSPEGGFDAILQAALCQEQIGW RNV SRLLVFTSDDTFHTAGDGKLGGIFMPSDGHCHLDSNGLYS RSTEFDYPSVGQ VAQALSAANIQPIFAVTSAALPVYQELS KLIPKSAVGELSEDSSNVVQLIMDAYNSLS STVTLEHSSL PPGVHISYESQCEGPEKREGKAEDRGQCNHVRINQTVTFW VSLQA THCLPEPHLLRLRALGFSEELIVELHTLCDCNCSD TQPQAPHCSDGQGHLQCGVCS CAPGRLGRLCECSVAELSS PDLESGCRAPNGTGPLCSGKGHCQCGRCSCSGQSS GHLCE CDDASCERHEGILCGGFGRCQCGVCHCHANRTGRACECSG DMDSCISPE GGLCSGHGRCKCNRCQCLDGYYGALCDQCPG CKTPCERHRDCAECGAFRTGPL ATNCSTACAHTNVTLALA PILDDGWCKERTLDNQLFFFLVEDDARGTVVLRVRPQE KG ADHTQAIVLGCVGGIVAVGLGLVLAYRLSVEIYDRREYSR FEKEQQQLNWKQDS NPLYKSAITTTINPRFQEADSPTL
Sequence Similarities	Belongs to the integrin beta chain family.Contains 1 VWFA domain.

GENE INFORMATION

Gene Name	ITGB7 integrin, beta 7 [Homo sapiens]
Official Symbol	ITGB7
Synonyms	ITGB7; integrin, beta 7; integrin beta-7;
Gene ID	3695
mRNA Refseq	NM_000889
Protein Refseq	NP_000880

MIM	147559
Uniprot ID	P26010
Chromosome Location	12q13.1
Pathway	Adaptive Immune System, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;
Function	binding; metal ion binding; receptor activity;

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