

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	MVALPMVLVLLLVL SRGESELD AKIPSTGDATEWRNPHLS MLGSCQPAPSCQKCIL

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SHPSCAWCKQLNFTASGEAEARRC ARREELLARGCPLEELEEPRGQQEVLQDQPL
 SQGARGEGA TQLAPQVRVRLRPGEPPQLQVRFLRAEGYPVDLYYIMDL SYSMK
 DDLERVRQLGHALLVRLQEVTHSVRIGFGSFVDKT VLPFVSTVPSKLRHPCPTRLER
 CQSPFSFHHVLSLTGDAQ AFEREVGRQSVSGNLDSPGGFDAILQAALCQEQIGW
 RNV SROLLVFTSDDTFHTAGDGKLGIFMPSDGHCHLDSNGLYS RSTEFDYPSVGQ
 VAQALSAANIPIFAVTSALPVYQELS KLIPKSAVGELSEDSSNVVQLIMDAYNSLS
 STVTLEHSSL PPGVHISYESQCEGPEKREGKAEDRGQCNHVRINQTVTFW VSLQA
 THCLPEPHLLRLRALGFSEELIVELHTLCDCNCSD TQPQAPHCSDDGQHLQCGVCS
 CAPGRLGRLCECSVAELSS PDLESGCRAPNGTGPLCSGKGHCQCGRCSCSGQSS
 GHLCE CDDASCEHHEGILCGGFGRQCQGVCHCHANRTGRACECSG DMDSCISPE
 GGLCSGHGRCKCNRCQCLDGYYGALCDQCPG CKTPCERHRDCAECGAFRTGPL
 ATNCSTACAHTNVTALA PILDDGWCKERTLDNQLFFFLVEDDARGTVVLRVRPQE
 KG ADHTQAIVLGCVGGIVAVGLGLVLAYRLSVEIYDRREYSR FEKEQQQLNWKQDS
 NPLYKSAITTTINPRFQEADSPTL

Sequence

Belongs to the integrin beta chain family. Contains 1 VWFA domain.

Similarities

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](#)

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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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