# Recombinant Human ITGB7

**Cat. No.** ITGB7-26863TH **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant fragment corresponding to amino acids 401-505 of Human Integrin beta 7 with an N terminl proproetary tag; predicted mwt: 37.18 kDa. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **ProteinLength** | 105 amino acids |
| **Description** | Integrin beta-7 is a protein that in humans is encoded by the ITGB7 gene. |
| **Molecular Weight** | 37.180kDa |
| **Tissue specificity** | Expressed in a variety of leukocyte lines. |
| **Form** | Liquid |
| **Purity** | Proprietary Purification |
| **Storage buffer** | pH: 8.00Constituents:0.03% Glutathione, 0.79% Tris HCl |
| **Storage** | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |
| **Sequences of amino acids** | PPGVHISYESQCEGPEKREGKAEDRGQCNHVRINQTVTFW VSLQATHCLPEPHLL |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| | RLRALGFSEELIVELHTLCDCNCSD TQPQAPHCSDGQGHLQCGVCSCAPG |
| **Sequence Similarities** | Belongs to the integrin beta chain family.Contains 1 VWFA domain. |

## GENE INFORMATION

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| **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; |

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| **Function** | binding; metal ion binding; receptor activity; |

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