

# Recombinant Full Length Human Integrin Beta-7(Itgb7) Protein, His-Tagged

Cat. No. RFL24511HF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Human Integrin beta-7(ITGB7) Protein (P26010) (20-798aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Human

### Source

E.coli

### ProteinLength

Full Length of Mature Protein (20-798)

### Form


Lyophilized powder

### AA Sequence

ELDAKIPSTGDATEWRNPHLSMLGSCQPAPSCQKCILSHPSCAWCKQLNFTASGEA  
 EARRCARREELLARGCPLEEELEPRGQQEVLQDQPLSQGARGEGATQLAPQRVRV  
 TLRPGEPQQLQVRFLRAEGYPVDLYYLMDSLYSMKDDLRLVRQLGHALLVRLQEV  
 HSVRIGFGSFVDKTVLPFVSTVPSKLRHPCPTRLERCQSPFSFHHVLSLTGDAQAFE  
 REVGRQSVSGNLDSPGGFDAILQAALCQEIQGWRNVSRLLVFTSDDTFHTAGDGK  
 LGGIFMPSDGHCHLDSNGLYSRSTEFDYPVSGVAQALSAANIPIFAVTSALPVY  
 QELSKLIPKSAVGELSESSNVVQLIMDAYNSLSSTVTLEHSSLPPGVHISYESQCEG  
 PEKREGKAEDRGQCNHVRINQTVTFWVSLQATHCLPEPHLLRLRALGFSEELIVELH  
 TLCDCNCSDTQPQAPHCSDGQGHLCQGCVCSCAPGRLGRLCECSVAELSSPDLESG  
 CRAPNGTGPLCSGKGHCCGRCSCSGQSSGHLCECDDASCERHEGILCGGFGRC  
 QCGVCHCHANRTGRACECSGDMDSISPGLCSGHGRCKCNRCQCLDGYYGAL  
 CDQCPGCKTPCERHRDCAECGAFRTGPLATNCSTACAHTNVTALAPILDDGWCK

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ERTLDNQLFFFLVEDDARGTVVLRVPRQEKGADHTQAIVLGCVGGIVAVGLGLVLAY  
RLSVEIYDRREYSRFEKEQQQLNWKQDSNPLYKSAITTTINPRFQEADSPTL

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** ITGB7

**Synonyms** ITGB7; Integrin beta-7; Gut homing receptor beta subunit

**UniProt ID** [P26010](https://www.uniprot.org/entry/P26010)

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