

# Recombinant Full Length Human Integrin Beta-1(Itgb1) Protein, His-Tagged

Cat. No. RFL23428HF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Human Integrin beta-1(ITGB1) Protein (P05556) (21-798aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Human

### Source

E.coli

### ProteinLength

Full Length (21-798)

### Form

Lyophilized powder

### AA Sequence

QTDENRCLKANAKSCGECIQAGPNCGWCTNSTFLQEGMPTSARCDDLEALKKKGC  
 PPDDIENPRGSKDIKKNKNVTNRSGTAEKLPEDITQIQPQQLVLRRLRSGEPQTFTL  
 KFKRAEDYPIDLYYLMDLSYSMKDDLENVKSLGTDLMNEMRRITSDFRIGFGSFVEK  
 TVMPYISTTPAKLRNPCTSEQNCTSPFSYKNVLSLTNKGEVFNELVGKQRISGNLDS  
 PEGGFDAIMQVAVCGSLIGWRNVTRLLVFSTDAGFHAFAGDGKLGIVLPNDGQCHL  
 ENNMYTMSHYDYPSIAHLVQKLENNIQTIFAVTEEFQPVYKELKNLIPKSAVGTLS  
 ANSSNVIQLIIDAYNSLSSEVILENGKLSEGVITISYKSYCKNGVNGTGENGRKCSNISI  
 GDEVQFEISITSNKCPKKDSDFSFKIRPLGFTEEEVILQYICECECQSEGIPESPKCHE  
 GNGTFECGACRCNEGRVGRHCECSTDEVNSEMDAYCRKENSSEICSNNGECVC  
 GQCVCRRKRDNTNEIYSGKFCECDNFNCDRSNGLICGGNGVCKCRVCECNPNYTGS  
 ACDCSLDTSTCEASNGQICNNGRIGICEGVCKCTDPKFQGGQTCEMCQTCLGVCAEH  
 KECVQCRAFNGKGEKKDTCTQECSYFNITKVESRDKLPQPVPDPVSHCKEKDVED

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

CWFYFTYSVNGNNEVMHVVENPECPTGPDIIPIVAGVVAGIVLIGLALLLIWKLLMIH  
DRREFAKFEKEKMNAKWDTGENPIYKSAVTTVVNPKYEGK

**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** ITGB1

**Synonyms** ITGB1; FNRB; MDF2; MSK12; Integrin beta-1; Fibronectin receptor subunit beta; Glycoprotein IIa; GPIIA; VLA-4 subunit beta; CD antigen CD29

**UniProt ID** [P05556](https://www.uniprot.org/entry/P05556)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA