

Recombinant Human ITGB5 Protein, GST-tagged

Cat. No. ITGB5-4970H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGB5 full-length ORF (NP_002204.2, 1 a.a. - 799 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ITGB5 (Integrin Subunit Beta 5) is a Protein Coding gene. Diseases associated with ITGB5 include Villous Adenocarcinoma and Arrhythmogenic Right Ventricular Cardiomyopathy. Among its related pathways are GPCR Pathway and MAPK-Erk Pathway. GO annotations related to this gene include receptor activity and integrin binding. An important paralog of this gene is ITGB3.
Molecular Mass	114.5 kDa
AA Sequence	MPRAPAPLYACLLGLCALLPRLAGLNICTSGSATSCEECLLIHPKCAWCSKEDFGSP RSITSRCDLRANLVKNGCGGEIESPASSFHVLRSLPLSSKSGSAGWDVIQMTPQEI AVNLRPGDKTTFQLQVRQVEDYPVDLYYLMDSL SMKDDLDNIRSLGTKLAEEMRK LTSNFRLGFGSFVDKDISPFSYAPRYQTNPCIGYKLPNCVPSFGFRHLLPLTDVRD SFNEEVRKQRVSRNRDAPEGGFDAVLQAAVCKEKIGWRKDALHLLVFTTDDVPHIA LDGKLGGLVQPHDGQCHLNEANEYTASNQMDYPSLALLGEKLAENNINLIFAVTKNH YMLYKNFTALIPGTTVEILDGDSKNIIQLIINAYNSIRSKVELSVWDQPEDLNLFFTATC QDGVSYPGQRKCEGLKIGDTASFEVSLEARSCPSRHEHVFA LRVPVGF RDSLEVGV TYNCTCGCSVGLEPNSARCNGSGTYVCGLCECSPGYLGTRCECQDGENQSVYQN

 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



LCREAEGKPLCSGRGDCSCNQSCFESEFGKIYGPFCEDNFSCARNKGVLCSGH
GECHCGECKCHAGYIGDNCNCSTDISTCRGRDGGQICSERGHCLCGQCQCTEPGAF
GEMCEKCPTCPDACSTKRDCVECLLLHSGKPDNQTCHSLCRDEVITWVDTIVKDDQ
EAVLCFYKTAKDCVMMFTYVELPSGKSNTVLREPECGNTPNAMTILLAVVGSILLVG
LALLAIWKLLVTIHDRREFAKFQSERSRARYEMASNPLYRKPISTHTVDFTFNKFNKS
YNGTVD

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION**Gene Name**

ITGB5 integrin, beta 5 [Homo sapiens]

Official Symbol

ITGB5

Synonyms

ITGB5; integrin, beta 5; integrin beta-5; FLJ26658;

Gene ID

3693

mRNA Refseq

NM_002213

Protein Refseq

NP_002204

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

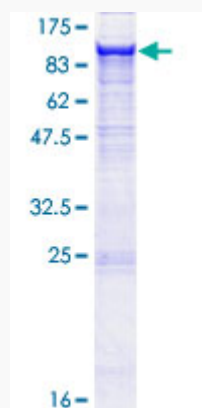
Email: info@creative-biomart.com Fax: 1-631-938-8127

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

MIM 147561

UniProt ID P18084

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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