

Recombinant Full Length Human ITGB5 Protein, GST-tagged

Cat. No. ITGB5-5784HF 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	In Vitro Cell Free System
ProteinLength	799 amino acids
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 RSITSRCDLRANLVKNGCGGEIESPASSFHVLRSLPLSSKGGSGSAGWDVIQMTPQEI AVNLRPGDKTTFQLQVRQVEDYPVDLYYLMDLSLSMKDDLDNIRSLGTKLAEEMRK LTSNFRLLGFGSFVDKDISPFSYAPRYQTNPCIGYKLPNCVPSFGFRHLLPLTDRVD SFNEEVRKQRVSRNRDAPEGGFDAVLQAAVCKEKIGWRKDALHLLVFTTDDVPHIA LDGKLGGLVQPHDQGCHLNEANEYTASNQMDYPSLALLGEKLAENNINLIFAVTKNH YMLYKNFTALIPGTTVEILDGDSKNIIQLIINAYNSIRSKVELSVWDQPEDLNLFATC QDGVSYPGQRKCEGLKIGDTASFEVSLEARSCPSRHTEHVFAALRPVGFDRDSLEVG

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TYNCTCGCSVGLPNSARCNGSGTYVCGLCECSPGYLGTRCECQDGENQSVYQN
 LCREAEGKPLCSGRGDCSCNQCSCFESEFGKIYGPFCEDNFSCARNKGVLCSGH
 GECHCGECKCHAGYIGDNCNCSTDISTCRGRDGGQICSERGHCLCGQCQCTEPGAF
 GEMCEKCPTCPDACSTKRDCVECLLLHSGKPDNQTCHSLCRDEVITWVDTIVKDDQ
 EAVLCFYKTAKDCVMMFTYVELPSGKSNLTVLREPECGNTPNAMTILLAVVGSILLVG
 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

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Protein Refseq NP_002204

MIM 147561

UniProt ID P18084

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