

Recombinant Human ITGB5 protein, His-tagged

Cat. No. ITGB5-2758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB5 protein(398 - 799 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	398 - 799 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	TATCQDGVSYPGQRKCEGLKIGDTASFEVSLEARSCPSRHEHVFAALRPVGFRDSL EVGVTYNCTCGCSVGLPNSARCNNGSGTYVCGLCECSPGYLGTRCECQDGENQS VYQNLCREAEGKPLCSGRGDCSCNQCSCFESEFGKIYGPFCEDNFSCARNKGVL CSGHGECHCGECKCHAGYIGDNCNCSTDISTCRGRDQGICSERGHCLCGQCQCTE PGAFGEMCEKCPTCPDACSTKRDCVECLLLHSGKPDNQTCHSLCRDEVITWVDITV KDDQEAVLCFYKTAKDCVMMFTYVELPSGKSNLTVLREPECGNTPNAMTILLAVVG SILLVGLALLAIWKLLVTIHDRREFAKFQSERSRARYEMASNPLYRKPISTHTVDFTFN KFNKSYNGTVD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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

MIM 147561

UniProt ID P18084

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