

## Recombinant Human ITGB5 protein, His-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human ITGB5 protein(398 - 799 aa), fused to His tag, was expressed in E. coli.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 398 - 799 aa  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.   |
| <b>AA Sequence</b>      | TATCQDGVSYPGQRKCEGLKIGDTASFEVSLEARSCPSRHEHV FALRPVGF RDSEVGVTYNCTCGCSVGLPNSARCNGSGTYVCGLCCECSPGYLGTRCECQDGENQSVYQNLCREAEGKPLCSGRGDCSCNQCSCFESEFGKIYGPFCEDNFSCARNKGVLCSGHGEGCHCGECKCHAGYIGDNCNCSTDISTCRGRDQGICSERGHCLCGQCQCTEPGAFGEMCEKCPTCPDACSTKRDCVECLLHSGKPDNQTCHSLCRDEVITWVDTIVKDDQEA VLFCFYKTAKDCVMMFTYVELPSGKSNLTVLREPECGNTPNAMTILLAVVGSILLVGLALLAIWKLLVTIHDRREFAKFQSERSRARYEMASNPLYRKPISTHTVDFTFNKFNKSYNGTVD |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.  |
| <b>Storage</b>          | 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 g/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

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | ITGB5 integrin, beta 5 [ Homo sapiens ]             |
| <b>Official Symbol</b> | ITGB5   |
| <b>Synonyms</b>        | ITGB5; integrin, beta 5; integrin beta-5; FLJ26658; |
| <b>Gene ID</b>         | 3693  |
| <b>mRNA Refseq</b>     | NM_002213   |
| <b>Protein Refseq</b>  | NP_002204   |
| <b>MIM</b>             | 147561  |
| <b>UniProt ID</b>      | P18084  |

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