

## Recombinant Human ITGB7 protein(1-140aa), GST-tagged

**Cat. No.** ITGB7-1861H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ITGB7 protein(P26010)(1-140aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-140aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 42.0 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | 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. |

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|                    |                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AA Sequence</b> | MVALPMVLVLLLVL SRGESELD AKIPSTGDATEWRNPHLSMLGSCQPAPSCQKCILS<br>HPSCAWCKQLNFTASGEAEARRCARREELLARGCPLEELEEPRGQQEVLQDQPLS<br>QGARGEGATQLAPQQRVRLRPGEPPQL |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

## GENE INFORMATION

|                        |                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ITGB7 integrin, beta 7 [ Homo sapiens ]                                                              |
| <b>Official Symbol</b> | ITGB7                                                                                                |
| <b>Synonyms</b>        | ITGB7; integrin, beta 7; integrin beta-7; integrin beta 7 subunit; gut homing receptor beta subunit; |
| <b>Gene ID</b>         | 3695                                                                                                 |
| <b>mRNA Refseq</b>     | NM_000889                                                                                            |
| <b>Protein Refseq</b>  | NP_000880                                                                                            |
| <b>MIM</b>             | 147559                                                                                               |
| <b>UniProt ID</b>      | P26010                                                                                               |

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