

## Recombinant Human ITGBL1 protein, GST-tagged

Cat. No. ITGBL1-184H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human ITGBL1 Protein(NP_001258683.1)(145-494 aa) is expressed from E. coli with a GST Tag.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 145-494 aa   |
| <b>Description</b>      | This gene encodes a beta integrin-related protein that is a member of the EGF-like protein family. The encoded protein contains integrin-like cysteine-rich repeats. Alternative splicing results in multiple transcript variants.   |
| <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 protectants before lyophilization.   |
| <b>Bio-activity</b>     | Not tested   |
| <b>AA Sequence</b>      | NSQDIICSNAGTCHCGRCKCDNSDGSGLVYGKFCEDDRECIDDDETEEICGGHGKCYCGNICYKAGWHGDKCEFQCDITPWESKRRCTSPDGKICSNRGTCVCGECTCHD VDPTGDWGDHIGDTCEDERDCRAVYDRYSDDFCSGHGQCNCGRCDCKAGWYGGKKCEHPQSCTLSAEESIRKCKQGSSDLPCSGRGKCECGKCTCYPPGDRRVYGKTCE CDDRRCEDLDGVVCGGHGTCSCGRVCERGWFGKLCQHPRKCNMTEEQSKNLC ESADGILCSGKGSCHCGKICSAEEWYISGEFCDCCRDCDKHDGLICTGNGICSC |

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GNCECWDGWNGNACEIWLGSSEYP

**Endotoxin** <1.0 EU per µg protein as determined by the LAL method.

**Purity** 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

**Applications** on:  
Blocking peptide

**Stability** Store for up to 12 months at -20°C to -80°C as lyophilized powder.

**Storage** Short-term storage: Store at 2-8°C for (1-2 weeks). 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 200µl sterile water for short-term storage. Reconstitution with 200µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).  
If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).  
Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

## GENE INFORMATION

**Gene Name** **ITGBL1**

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|                        |                |
|------------------------|----------------|
| <b>Official Symbol</b> | ITGBL1         |
| <b>Synonyms</b>        | OSCP; TIED     |
| <b>Gene ID</b>         | 9358           |
| <b>mRNA Refseq</b>     | NM_001271754.2 |
| <b>Protein Refseq</b>  | NP_001258683.1 |
| <b>MIM</b>             | 604234         |
| <b>UniProt ID</b>      | O95965         |

**SDS-PAGE of  
ITGBL1-184H**



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