

Recombinant Human ITGBL1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ITGBL1 Protein(NP_001258683.1)(145-494 aa) is expressed from E. coli with a GST Tag.
Species	Human
Source	E.coli
ProteinLength	145-494 aa
Description	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.
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 protectants before lyophilization.
Bio-activity	Not tested
AA Sequence	NSQDIICSNAGTCHCGRCKCDNSDGSLVYGKFCECDDRECIDDETEEICGGHGKC YCGNCYCKAGWHGDKCEFQCDITPWESKRRCTSPDGKICSNRGTCVCGECTCHD VDPTGDWGDHGDTCEDERDCRAVYDRYSDDFCSGHGQCNCGRCDCKAGWYG KKCEHPQSCTLSAEESIRKCQGSSDLPCSGRGKCECGKCTCYPPGDRRVYGKTCE CDDRRCEDLDGVVCGGHGTCSCGRVCERGWFGKLCQHPRKCNMTEEQSKNLC ESADGILCSGKGSCHCGKCICSAEEWYISGEFCDCCRDCDKHDGLICTGNGICSC

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GNCECWDGWNGNACEIWLGS EYP

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 µg/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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Official Symbol	ITGBL1
Synonyms	OSCP; TIED
Gene ID	9358
mRNA Refseq	NM_001271754.2
Protein Refseq	NP_001258683.1
MIM	604234
UniProt ID	O95965
SDS-PAGE of ITGBL1-184H	