

## Recombinant Human LTBP1 Protein, GST-tagged

Cat. No. LTBP1-320H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LTBP1 Protein(NP_000618)(455-804 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	455-804 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.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	VEALTFSREHGPVVAEPEVATAPPEKEIPSLDQEKTKLEPGQPQLSPGISTIHLHPQF PVVIEKTSPPVPVEVAPEASTSSASQVIAPTQVTEINECTVNPDICGAGHCINLPVRYT CICYEGYRFSEQQRKCVDIDECTQVQHLC SQGRCENTEGSFLCICPAGFMASEEGT NCIDVDECLRPDVC GEGHCVNTVGAFRCEYCDSGYRMTQRGRCEDIDECLNPSTC PDEQCVNSPGSYQCV PCTEGFRGWNGQCLDVDECLEPNVCANGDCSNLEGSYMC SCHKGYTRTPDHKHCRDIDECQQGNLCVNGQCKNTEGSFRCTCGQGYQLSAAKD QCEDIDECQHRHLC
<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). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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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

**Gene Name** [LTBP1 latent transforming growth factor beta binding protein 1 \[ Homo sapiens \]](#)

**Official Symbol** [LTBP1](#)

**Synonyms** [LTBP1](#); latent transforming growth factor beta binding protein 1; latent-transforming growth factor beta-binding protein 1; TGF beta1 BP 1; LTBP-1; TGF-beta1-BP-1; transforming growth factor beta-1-binding protein 1; MGC163161;

**Gene ID** [4052](#)

**mRNA Refseq** [NM\\_000627](#)

**Protein Refseq** [NP\\_000618](#)

**MIM** [150390](#)

**UniProt ID** [Q14766](#)

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