

Recombinant Human LTBP1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LTBP1 Protein(NP_000618)(455-804 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	455-804 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	VEALTFSREHGPVGAPEVATAPPEKEIPSLDQEKTKLEPGQPQLSPGISTIHLPQF PVVIEKTSPVPVEVAPEASTSSASQVIAPTQVTEINECTVNPDICGAGHCINLPVRYT CICYEGYRFSEQQRKCVDIDECTQVQHLC SQGRCENTEGSFLCICPAGFMASEEGT NCIDVDECLRPDVCGEHGC VNTVGA FRCEYCDSGYRMTQRGR CEDIDECLNPSTC PDEQCVNSPGSYQCV PCTEGFRGWNGQCLDVDECLEPNVCANGDCSNLEGSYMC SCHKGYTRTPDHKHCRDIDECQQGNLCVNGQCKNTEGSFRCTCGQGYQLSAAKD QCEDIDECQHRHLC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ 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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