

Active Recombinant Human TGFB1 protein

Cat. No. TGFB1-2198H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB1 protein(NP_000651.3 (C33S))(Leu 30 - Arg 278) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 30 - Arg 278
Form	PBS, pH7.4
Bio-activity	Immobilized Human LAP (TGF-beta 1), Tag Free at 1 µg/mL (100 µL/well) can bind Human ITGAV&ITGB8 Heterodimer Protein, His Tag&Tag Free with a linear range of 5-39 ng/mL.
Molecular Mass	28.5 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by reduced SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	TGFB1 transforming growth factor, beta 1 [Homo sapiens]
Official Symbol	TGFB1
Synonyms	TGFB1; transforming growth factor, beta 1; DPD1, TGFB; transforming growth factor beta-1; Camurati Engelmann disease; CED; TGFbeta; TGF-beta-1; TGF-beta 1 protein; latency-associated peptide; LAP; DPD1; TGFB;
Gene ID	7040
mRNA Refseq	NM_000660
Protein Refseq	NP_000651
MIM	190180
UniProt ID	P01137

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