

Recombinant Human TGFB1 Protein, His-tagged

Cat. No. TGFB1-6431H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB1 Protein(P01137)(Met1-Ser390 (274-278 aa replaced with LEVLFQ)), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-390 aa(274-278 aa replaced with LEVLFQ)
Form	Lyophilized from a solution in PBS pH 7.4, 1 mM EDTA, 4% Trehalose, 1% Mannitol.
Molecular Mass	45.34 kDa
Purity	>90% as determined by SDS-PAGE.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000651.3

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Unit ID	P01137
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Unit ID-Weblink	https://www.uniprot.org/uniprot/P01137
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GENE INFORMATION

Gene Name	TGFB1 transforming growth factor, beta 1 [Homo sapiens]
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Official Symbol	TGFB1
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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;
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Gene ID	7040
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mRNA Refseq	NM_000660
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protein Refseq	NP_000651
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MIM	190180
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