

Recombinant Human TGFB1 protein, His-Myc-tagged

Cat. No. TGFB1-7465H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB1 protein(P01137)(30-390aa(C33S)), fused with N-terminal His and Myc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	30-390aa(C33S)
Tag	N-His-Myc
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

```
LSTSKTIDMELVKKRKRIEAIRGQILSKLRLASPPSQGEVPPGPLPEAVLALYNSTRDRV
AGESAEPEPEPEADYYAKEVTRVLMVETHNEIYDKFKQSTHSIYMFFNTSELREAVP
EPVLLSRAELRLLRLKLVQHQVELYQKYSNNSWRYLNRLLAPSDSPEWLSFDVT
GVVRQWLSRGGEIEGFRLSAHCSCDSRDNTLQVDINGFTTGRRGDLATIHGMNRPF
LLMATPLERAQHLQSSRHRRALDTNYCFSSTEKNCCVRQLYIDFRKDLGWKWIHE
PKGYPHANFCLGPCPYIWSLDTQYSKVLALYNQHNPGASAAPCCVPQALEPLPIVYYV
GRKPKVEQLSNMIVRSCKCS
```

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](#)

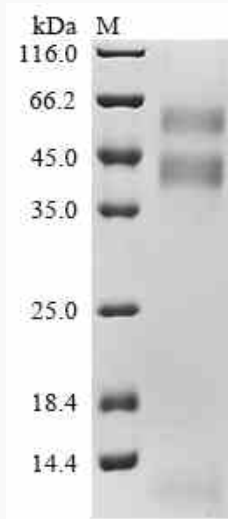
UniProt ID [P01137](#)

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SDS-PAGE



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