

Recombinant Human TGFB2 protein, His-tagged

Cat. No. TGFB2-2196H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB2 protein(P61812-1)(Leu21-Ser414), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu21-Ser414
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human TGF-beta RII, hFc Tag captured on CM5 Chip via Protein A can bind Human Latent TGF beta 2, His Tag with an affinity constant of 2.21 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 46.6 kDa. Due to glycosylation, the protein migrates to 40-60 kDa&12-13 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name TGFB2 transforming growth factor, beta 2 [Homo sapiens]

Official Symbol TGFB2

Synonyms TGFB2; transforming growth factor, beta 2; transforming growth factor beta-2; G-TSF; cetermin; polyergin; BSC-1 cell growth inhibitor; glioblastoma-derived T-cell suppressor factor; TGF-beta2; MGC116892;

Gene ID 7042

mRNA Refseq NM_001135599

Protein Refseq NP_001129071

MIM 190220

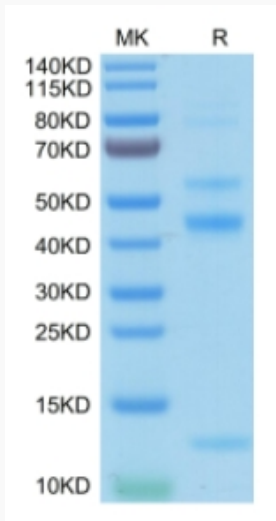
UniProt ID P61812

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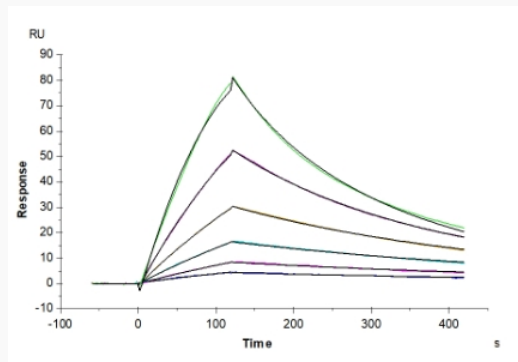
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Tris-Bis PAGE



SPR Data



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