

Recombinant Full Length Human Tgf-Beta Receptor Type-1(Tgfbr1) Protein, His-Tagged

Cat. No. RFL34739HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TGF-beta receptor type-1(TGFB1) Protein (P36897) (34-503aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (34-503)
Form	Lyophilized powder
AA Sequence	LQCFCHLCTKDNFTCVTDGLCFVSVTETTDKVIHNSMCIAEIDLIPDRPFVVCAPSSK TGSVTTTYCCNQDHCNKIELPTTVKSSPGLGPVELAAVIAGPVCFCISLMLMVYICH NRTVIHHRVPNEEDPSLDRPFISEGTTLKDLIYDMTTSGSGSGLPLLQRTIARTIVLQ ESIGKGRFGEVWRGKWRGEEVAVKIFSSREERSWFREAEIYQTVMLRHENILGFIAA DNKDNGTWTQLWLVS DYHEHGS LFDYLNRYTVTVEGMIKLALSTASGLAHLHMEIV GTQGKPAIAHRDLKSKNILVKKNGTCCIALGLAVRHDSATDTIDIAPNHRVGTKRYM APEVLDD SINMKHFESFKRADIYAMGLVFW EIARRCSIGGIHEDYQLPYYDLVPSDPS VEEMRKVVCEQKLRPNIPNRWQSCEALRVMKIMRECWYANGAARLTALRIKKTLS QLSQQEGIKM
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	TGFBR1
Synonyms	TGFBR1; ALK5; SKR4; TGF-beta receptor type-1; TGFR-1; Activin A receptor type II-like protein kinase of 53kD; Activin receptor-like kinase 5; ALK-5; Serine/threonine-protein kinase receptor R4; TGF-beta type I receptor; Transforming growth factor-beta rec
UniProt ID	P36897

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