

Recombinant Human TGFBR1 protein, Flag-tagged, Biotinylated

Cat. No. TGFBR1-83H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human TGFβR1, catalytic domain [200-503(end) amino acids of accession number NP_004603.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.

Species Human

Source Insect Cells

ProteinLength 200-503 a.a.

Form 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Molecular Mass 38 kDa

Purity >90% as determined by SDS-PAGE and CBB staining

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Conjugation Biotin

GENE INFORMATION

Gene Name TGFBR1 transforming growth factor, beta receptor 1 [Homo sapiens]

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Official Symbol	TGFBR1
Synonyms	TGFBR1; ACVRLK4; ALK 5; tbetaR-I; TGF-beta receptor type I; AAT5; ALK5; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1;
Gene ID	7046
mRNA Refseq	NM_001130916
Protein Refseq	NP_001124388
MIM	190181
UniProt ID	P36897
Chromosome Location	9q22
Pathway	ALK1 signaling events, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem;
Function	ATP binding; I-SMAD binding; SMAD binding; SMAD binding; contributes_to growth factor binding; metal ion binding; nucleotide binding; protein binding; protein heterodimerization activity; protein serine/threonine kinase activity; receptor activity; transforming growth factor beta binding; contributes_to transforming growth factor beta binding; transforming growth factor beta binding; transforming growth factor beta receptor activity, type I; transforming growth factor beta-activated receptor activity; transforming growth factor beta-activated receptor activity; transforming growth factor

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beta-activated receptor activity; contributes_to transforming growth factor beta-activated receptor activity; transmembrane receptor protein serine/threonine kinase activity; type II transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding; ubiquitin protein ligase binding;

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