Recombinant Human TGFBR1, His-GST tagged

Cat. No. TGFBR1-8656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFBR1 (P36897-1) (Thr200-Met503), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	200-503 a.a.
Predicted N Terminal	Met
Form	Supplied as sterile 20mM Tris, 500mM Nacl, pH 8.5, 10% glycerolNormally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human ALK5/GST chimera consists of 541 amino acids and has a calculated molecular mass of 62.6 kDa. The recombinant protein migrates approximately 57 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TGFBR1 transforming growth factor, beta receptor 1 [Homo sapiens]
Official Symbol	TGFBR1
Gene ID	7046
mRNA Refseq	NM_001130916
Protein Refseq	NP_001124388
MIM	190181
UniProt ID	P36897
Chromosome Location	9q22

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