Recombinant Human TGFBR2, Fc-His tagged

Cat. No. TGFBR2-152H   **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Recombinant Human TGFBR2 extracellular domain (Met 1-Asp 159) (NP_003233.4), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-159 a.a.
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5
Molecular Mass	The recombinant human TGFβ R2/Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The monomer consists of 383 amino acids and predicts a molecular mass of 43.4 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of this monomer is approximately 60-65 kDa due to the glycosylation.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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	TGFBR2 transforming growth factor, beta receptor II (70/80kDa) [Homo sapiens]
Official Symbol	TGFBR2
Gene ID	7048
mRNA Refseq	NM_001024847
Protein Refseq	NP_001020018
MIM	190182
UniProt ID	P37173

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