

Recombinant Human TGFBR1 Protein, MYC/DDK-tagged

Cat. No. TGFBR1-701H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGFBR1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-503 aa
Description	The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	53.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	transforming growth factor beta receptor 1[Homo sapiens]
Official Symbol	TGFBR1
Synonyms	AAT5; ACVRLK4; ALK-5; ALK5; ESS1; LDS1; LDS1A; LDS2A; MSSE; SKR4; tbetaR-I; TGFR-1
Gene ID	7046
mRNA Refseq	NM_004612.2
Protein Refseq	NP_004603.1
MIM	190181
UniProt ID	P36897

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