

# Recombinant Human TGFBR1 Protein, C-Myc/DDK-tagged

## Product Information

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<b>Cat</b>	IMP-6723
<b>Official Symbol</b>	TGFBR1
<b>Product Overview</b>	Recombinant protein of human transforming growth factor, beta receptor 1 (TGFBR1), transcript variant 1 with a C-Myc/DDK tag was expressed in HEK293T.
<b>Description</b>	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]
<b>Expression System</b>	HEK293T
<b>Species</b>	Human
<b>Tag</b>	C-Myc/DDK
<b>Form</b>	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
<b>Molecular Mass</b>	53.6 kDa
<b>AA Sequence</b>	MEAAVAAPRPRLLLLVLAAAAAAAALLPGATALQCFCHLCTKDNFTCVT DGLCFVSVTETTDKVIHNSMCIAEIDLIPDRPFVFCAPSSKTGSVTTTTYCC NQDHCNKIELPTTVKSSPGLGPVELAAVIAGPVCFCISMLMVYICHNRT VIHRVPNEEDPSLDRPFISEGTTLKDLIYDMTTSGSGSGLPLLQRTIART IVLQESIGKGRFGEVWRGKWRGEEVAVKIFSSREERSWFREAEIYQTVML RHENILGFIAADNKDNGTWTQLWLVS DYHEHGS LFDYLNRYTVTVEGMIK LALSTASGLAHLHMEIVGTQGKPAIAHRDLKSKNILVKKNGTCCCIADLGLAV RHDSATDTIDIAPNHRVGTKRYMAPEVLDDSDINMKHFESFKRADIYAMGL VFWEIARRCSIGGIHEDYQLPYYDLVPSDPSVEEMRKVVCEQKLRPNIPN RWQSCEALRVMKIMRECWYANGAARLTALRIKKTLSQLSQQEGIKMTR TRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	> 50 µg/mL as determined by microplate BCA method.

**SDS-PAGE**

