

Product datasheet for **TP724756**

TGF beta 2 (TGFB2) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human TGFB2 (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala303-Ser414
Tag:	C-Human Fc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Human TGFB2 (C-hFc) is produced by Human Cells. The target gene encoding Ala303-Ser414 is expressed with a C-hFc tag.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	7042
UniProt ID:	P61812
Synonyms:	G-TSF,LAP,TGFBeta 2; TGF-beta 2;TGF-beta2; TGF-beta-2
Summary:	Transforming growth factor beta-2 (TGF-β ²) is a secreted protein which belongs to the TGF-beta family. It is known as a cytokine that performs many cellular functions and has a vital role during embryonic development. The precursor is cleaved into mature TGF-beta-2 and LAP, which remains non-covalently linked to mature TGF-beta-2 rendering it inactive. It is an extracellular glycosylated protein. It is known to suppress the effects of interleukin dependent T-cell tumors. Defects in TGFB2 may be a cause of non-syndromic aortic disease (NSAD).
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Cytokine-cytokine receptor interaction, Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma, TGF-beta signaling pathway



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