

Product datasheet for **TP724757**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human TGFB3 (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala301-Ser412
Tag:	C-Human Fc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Human TGFB3 (C-hFc) is produced by Human Cells. The target gene encoding Ala301-Ser412 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
Synonyms:	TGFB3,ARVD,TGF-beta3
Summary:	Transforming growth factor beta 3 (TGFB3) is also known as TGF-β ₃ , is a polypeptide member of the transforming growth factor beta superfamily of cytokines. It is a secreted protein that performs many cellular functions, including regulates embryogenesis and cell differentiation and is required in various processes such as secondary palate development. TGF-beta 3 is similar with TGF-beta 1 and β-2, act as cellular switches to regulate immune function, cell proliferation, and epithelial-mesenchymal transition. TGF-beta-3 is released from LAP by integrins: integrin-binding results in distortion of the LAP chain and subsequent release of the active TGF-beta-3. Once activated following release of LAP, TGF-beta-3 acts by binding to TGF-beta receptors (TGFB1 and TGFB2), which transduce signal.



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