

Product datasheet for **TP727336**

Tgfb2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Transforming Growth Factor β 2/TGF β 2/TGFB2
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala303-Ser414
Buffer:	Lyophilized from a 0.2 um filtered solution of 4mM HCl.
Note:	Recombinant Mouse Transforming Growth Factor beta 2 is produced by our Mammalian expression system and the target gene encoding Ala303-Ser414 is expressed.
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 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	21808
UniProt ID:	P27090
Synonyms:	TGFB2; BSC-1 cell growth inhibitor; Cetermin; Glioblastoma-derived T-cell suppressor factor; G-TSF; MGC116892; Polyergin; TGF-beta2; TGF-beta-2; transforming growth factor beta-2
Summary:	Transforming growth factor beta 2 (TGF- β 2) is a member of TGF-beta superfamily that shares a characteristic cysteine knot structure. Mice with TGF- β 2 gene deletion show defects in development of cardiac, lung, craniofacial, limb, spinal column, eye, inner ear and urogenital systems. All TGF- β 2 isoforms signal via the same heteromeric receptor complex, consisting of a ligand binding TGF- β 2 receptor type II (T β R-II), and a TGF- β 2 receptor type I (T β R-I). Signal transduction from the receptor to the nucleus is mediated via SMADs. TGF- β 2 expression is found in cartilage, bone, teeth, muscle, heart, blood vessels, haematopoietic cells, lung, kidney, gut, liver, eye, ear, skin, and the nervous system.



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