

Recombinant Mouse TGFB2 Protein

Cat. No. TGFB2-127M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Transforming Growth Factor beta 2 is produced by our Mammalian expression system and the target gene encoding Ala303-Ser414 is expressed.
Species	Mouse
Source	Human Cells
ProteinLength	303-414 a.a.
Description	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 isoforms signal via the same heteromeric receptor complex, consisting of a ligand binding TGF- β receptor type II (T β R-II), and a TGF- β receptor type I (T β R-I). Signal transduction from the receptor to the nucleus is mediated via SMADs. TGF- β expression is found in cartilage, bone, teeth, muscle, heart, blood vessels, haematopoietic cells, lung, kidney, gut, liver, eye, ear, skin, and the nervous system.
Form	Lyophilized from a 0.2 μ m filtered solution of 4 mM HCl.
AA Sequence	Ala303-Ser414

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Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
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Shipping	Ambient
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GENE INFORMATION

Gene Name	Tgfb2 transforming growth factor, beta 2 [Mus musculus (house mouse)]
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Official Symbol	TGFB2
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Synonyms	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
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Gene ID	21808
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mRNA Refseq	NM_009367.4
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Protein Refseq	NP_033393.2
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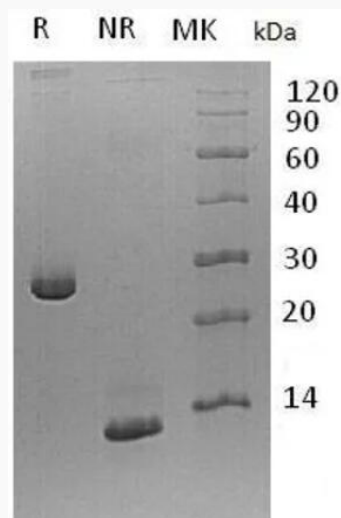
UniProt ID	P27090
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