

Transforming Growth Factor-Beta 2 Active Protein | TGF Beta2 active protein

Transforming Growth Factor-Beta 2, Recombinant Protein

CATALOG # AAA76534	HOST Nicotiana benthamiana
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PRODUCT SYNONYMS

Transforming Growth Factor-Beta 2; Recombinant Protein; TGF Beta2 active protein

PRODUCT SPECIFICATIONS

Host	Nicotiana benthamiana
Purity/Purification	Greater than 97.0% as determined by SDS-PAGE.
Form/Format	Lyophilized from a concentrated (1mg/ml) solution containing 50mM Tris-HCl pH-7.4.
Sequence	HHHHHHALDA AYCFRNVDN CCLRPLYIDF KRDLGWKWIH EPKGYNANFC AGACPYLWSS DTQHSRVLSL YNTINPEASA SPCCVSQDLE PLTILYYIGK TPKIEQLSNM IVKSKCKS
Biological Activity	The biological activity of TGFB2 is measured in culture by its ability to inhibit the mink lung epithelial (Mv1Lu) cells proliferation. ED ₅₀ < 40ng/ml, corresponding to a specific activity of 25,000 units/mg.
Reconstitution	It is recommended to reconstitute the lyophilized TGFB2 in sterile 18M ² -cm H ₂ O not less than 1ug/40ul, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized TGFB2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TGFB2 Human should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TGF Beta2 active protein	TGFB2 Human Recombinant produced in plants is a homodimeric polypeptide chain containing 2 x 118 amino acids and having a total molecular mass of 27.08kDa. The TGFB2 is fused to 6xHis Tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for TGF Beta2 active protein	Proteins ; Growth/Differentiation Factors and Small Molecules ; Stem Cell Research Proteins ; Transforming Growth Factors (TGFs) ; TGF Beta2

NCBI AND UNIPROT INFORMATION

NCBI GI #	198443945
NCBI GeneID	421352
NCBI Official Full Name	TGF beta2, partial
NCBI Official Synonym Full Names	transforming growth factor, beta 2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	TGF-beta-2
NCBI Protein Information	transforming growth factor beta-2
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	TGFB2

UniProt Synonym Gene Names	TGF-beta-2; LAP
UniProt Entry Name	TGFB2_CHICK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nicotiana-benthamiana-tgf-beta2-active-protein/transforming-growth-factor-beta-2/76534>