

TGF beta 3 recombinant protein

TGF beta 3 protein

CATALOG #
AAA75418

HOST
E.coli

PRODUCT SYNONYMS

TGF beta 3; TGF beta 3 protein; Transforming Growth Factor-beta3 protein; TGF beta-3 protein; TGFB3 protein; TGF beta-3; TGF-3b protein; TGF beta 3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 98% by SDS-PAGE analysis and RP-HPLC.
Form/Format	Protein solution containing 20% Ethanol and 0.12% Acetic Acid.
Concentration	0.25 mg/ml (varies by lot)
Sequence Length	412
Contaminants	Endotoxin level is <0.1 ng/mg of rHu TGF-beta 3
Biohazard	Use normal laboratory precautions and techniques when handling this reagent.
Grade	Highly pure
Protein Type	Recombinant
Species	Human
Residues	TGF-b3 Human Recombinant protein containing 112 amino acids.
Biological Significance	Transforming growth factor betas (TGF Betas) mediate many cell-cell interactions that occur during embryonic development. Three TGF Betas have been identified in mammals. TGF Beta 1, TGF Beta 2 and TGF Beta 3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule.
Assay Information	Protein quantitation was carried out by two independent methods: 1.- UV spectroscopy at 280 nm using the absorbency value of 1.718 as the extinction coefficient for a 0.1% (1 mg/ml) solution. 2.-Analysis by RP-HPLC, using a calibrated solution of TGF-b 3 as a Reference Standard.
Preparation and Storage	Store at 4°C. For long term storage add a carrier protein (0.1% HSA or BSA).

ADDITIONAL INFORMATION

Related Product Information for TGF beta 3 recombinant protein	Purified recombinant Human TGF beta 3 protein
Product Categories/Family for TGF beta 3 recombinant protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507465
-----------	---------

NCBI GeneID	7043
NCBI Accession #	NP_003230.1
NCBI GenBank Nucleotide #	NM_003239.2
UniProt Accession #	P10600; Q8WV88
NCBI Official Full Name	transforming growth factor beta-3 preproprotein
NCBI Official Synonym Full Names	transforming growth factor, beta 3
NCBI Official Symbol	TGFB3
NCBI Official Synonym Symbols	ARVD; RNHF; ARVD1; TGF-beta3
NCBI Protein Information	transforming growth factor beta-3
UniProt Protein Name	Transforming growth factor beta-3
UniProt Gene Name	TGFB3
UniProt Synonym Gene Names	TGF-beta-3; LAP
UniProt Entry Name	TGFB3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tgfb3-recombinant-protein-e-coli/75418>