

Transforming growth factor beta-1 Recombinant Protein | TGFB1 recombinant protein

Recombinant Gallus gallus (Chicken) Transforming growth factor beta-1

CATALOG # AAA113411	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Transforming growth factor beta-1; Recombinant Gallus gallus (Chicken) Transforming growth factor beta-1; TGFB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	260-373aa; Partial
Sequence	DLDTDYCFGP GTDEKNCCVR PLYIDFRKDL QWKWIHEPKG YMANFCMGPC PYIWSADTQY TKVLALYNQH NPGASAAPCC VPQTLDP LPI IYYVGRNVRV EQLSNMVVRA CKCS
Sequence Length	373
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TGFB1 recombinant protein	Multifunctional protein that control proliferation, differentiation, and other functions in many cell types. Many cells synthesize TGFB1 and essentially all of th have specific receptors for this protein. It regulates the actions of many other growth factors and determines a positive or negative direction of their effects. It plays an important role in bone remodeling. It is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts.
References	Complementary deoxyribonucleic acid cloning of a messenger ribonucleic acid encoding transforming growth factor beta 4 from chicken embryo chondrocytes.Jakowlew S.B., Dillard P.J., Sporn M.B., Roberts A.B.Mol. Endocrinol. 2:1186-1195(1988) Correction a new interpretation of a chicken transforming growth factor-beta 4 complementary DNA.Burt D.W., Jakowlew S.B.Mol. Endocrinol. 6:989-992(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1729918
UniProt Accession #	P09531
Molecular Weight	29 kDa
NCBI Official Full Name	Transforming growth factor beta-1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_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://www.aaabiotech.com/tgfb1-recombinant-protein-e-coli/113411>