

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

Recombinant Dog Transforming growth factor beta-1 (TGFB1)

CATALOG # AAA113587	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Transforming growth factor beta-1 (TGFB1); Recombinant Dog Transforming growth factor beta-1 (TGFB1); Recombinant Transforming growth factor beta-1 (TGFB1); Transforming growth factor beta-1; TGF-beta-1 Cleaved into the following chain: 1. Latency-associated peptide; 2. LAP; 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	279-390. Partial,provide Transforming growth factor beta-1 chain
Sequence	ALDTNYCFSS TEKNCCVRQL YIDFRKDLGW KWIHEPKGYH ANFCLGPCPY IWSLDTQYSK VLALYNQHNP GASAAPCCVP QALEPLPIVY YVGRKPKVEQ LSNMIVRSCK CS
Species	Canis familiaris (Dog) (Canis lupus familiaris)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TGFB1 recombinant protein	Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGFB1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts .
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50979134
NCBI GeneID	403998
NCBI Accession #	NP_001003309.1
NCBI GenBank Nucleotide #	NM_001003309.1
UniProt Accession #	P54831
Molecular Weight	17kD
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Symbol	TGFB1
NCBI Protein Information	transforming growth factor beta-1; TGF-beta-1; transforming growth factor beta 1; transforming growth factor-beta 1; transforming growth factor, beta 1 (Camurati-Engelmann disease)
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_CANFA

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/113587>