

Transforming Growth Factor Beta 2 (TGFb2) Recombinant Protein | TGFb2 recombinant protein

Recombinant Transforming Growth Factor Beta 2 (TGFb2)

CATALOG # AAA134495	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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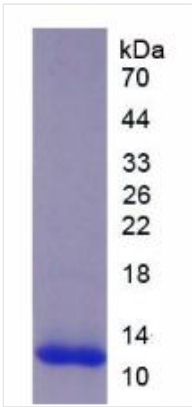
PRODUCT SYNONYMS

Transforming Growth Factor Beta 2 (TGFb2); Recombinant Transforming Growth Factor Beta 2 (TGFb2); TGFb2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSGSEF-AL DAA YCFRNVQ DNCCLRP LYI DFKRDLGWKW IHEPKGYNAN FCAGACPYLW SSDTQHTKVL SLYNTINPEA SASPCCVSQD LEPLTILYYI GNTPKIEQLS NMIVKSKCS
Sequence Length	442
Applicable Applications for TGFb2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ala331~Ser442 (Accession # Q07257) with N-terminal His-Tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.7
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

ALDAAYCFRN VQDNCCLRPL
YIDFKRDLGW KWIHEPKGVN ANFCAGACPY LWSSDTQHTK VLSLYNTINP
EASASPCCVS QDLEPLTILY YIGNTPKIEQ LSMNIVKSCK CS

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13592109
NCBI GeneID	81809
NCBI Accession #	NP_112393.1
NCBI GenBank Nucleotide #	NM_031131.1
UniProt Accession #	Q07257; Q63574; Q9QW26; Q9R281; Q9R298; Q9R2B8; Q9WUQ8
Molecular Weight	14.2kDa
NCBI Official Full Name	transforming growth factor beta-2
NCBI Official Synonym Full Names	transforming growth factor, beta 2
NCBI Official Symbol	Tgfb2
NCBI Official Synonym Symbols	TGF-B2
NCBI Protein Information	transforming growth factor beta-2; TGF-beta-2; TGF beta 2 protein
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	Tgfb2
UniProt Synonym Gene Names	TGF-beta-2; LAP
UniProt Entry Name	TGFB2_RAT

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.