

Active Recombinant Rat Tgfb3 protein, His-tagged

Cat. No. TGFB3-6038R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tgfb3(Ala301~Ser412) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala301~Ser412
Description	Tgfb3 played an important role in many functions.
Bio-activity	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	14.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name Tgfb3 transforming growth factor, beta 3 [*Rattus norvegicus*]

Official Symbol Tgfb3

Synonyms TGFB3; transforming growth factor, beta 3; transforming growth factor beta-3; TGF-beta-3; MGC105479;

Gene ID 25717

mRNA Refseq NM_013174

Protein Refseq NP_037306

MIM

UniProt ID Q07258

Chromosome Location 6q31

Pathway Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem;

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Function

growth factor activity; identical protein binding; identical protein binding; protein heterodimerization activity; transforming growth factor beta binding; transforming growth factor beta binding; transforming growth factor beta receptor binding; type I transforming growth factor beta receptor binding; type I transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding;

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