Recombinant Mouse Tgfa Protein, His-tagged

Cat. No. Tgfa-2126M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfa Protein (Glu24-Val159) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu24-Val159
Description	TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor/EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.5 kDa Accurate Molecular Mass: 18 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

Tel: 1-631-559-9269 1-516-512-3133
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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Tgfa transforming growth factor alpha [Mus musculus (house mouse)]
Official Symbol	Tgfa
Synonyms	TGFA; transforming growth factor alpha; protransforming growth factor alpha; waved 1; transforming growth factor-alpha; wa1; wa-1;
Gene ID	21802
mRNA Refseq	NM_031199
Protein Refseq	NP_112476
UniProt ID	P48030

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