

Recombinant Mouse Tgfa protein, hFc-tagged

Cat. No. Tgfa-4535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfa protein(P48030)(Val39-Ala88), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val39-Ala88
Tag	N-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 32.9 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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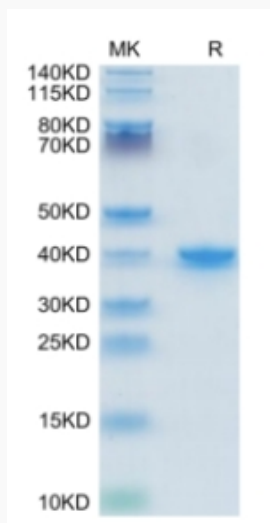
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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	Tgfa transforming growth factor alpha [<i>Mus musculus</i>]
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

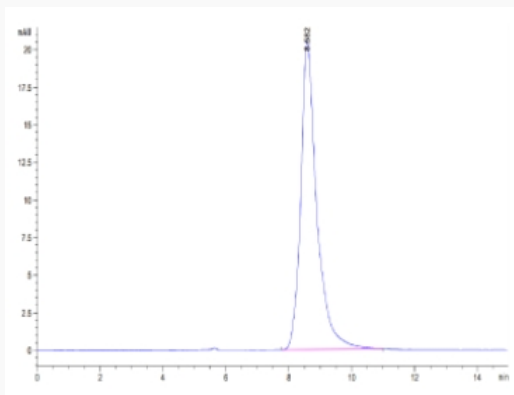
Tris-Bis PAGE



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SEC-HPLC

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