

Recombinant Human TGF α

Cat.No.:MGC173 size:5 μ g/50 μ g/500 μ g

Characteristics:

Source	<i>E.coli</i>
Species	Human
Tag	Tag free
Description	Human TGF α (Val40-Ala89 with an N-terminal Met)
Accession#	P01135
Predicted molecular mass	~5.7 kDa. It is composed of one non-glycosylated polypeptide chain containing 51 amino acids.

Specification:

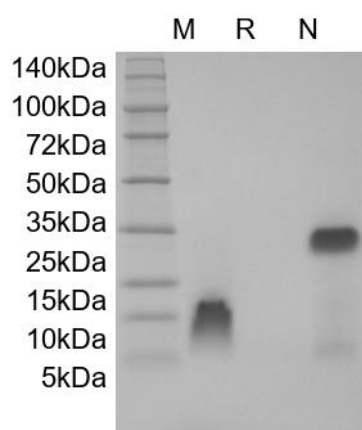
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.01 EU/ μ g
Activity	The ED50 as determined by the dose-dependent stimulation of thymidine uptake by BALB/c 3T3 cells is ≤ 0.2 ng/ml, corresponding to a specific activity of $\geq 5 \times 10^6$ units/mg
Formulation	0.2 μ m-filtered solution containing PBS, with 0.02% (v/v) Tween-20, pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20 $^{\circ}$ C to -80 $^{\circ}$ C in lyophilized state 6 months at -20 $^{\circ}$ C to -80 $^{\circ}$ C under sterile conditions after reconstitution 7-10 days at 2 $^{\circ}$ C to 8 $^{\circ}$ C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

SDS-PAGE



Recombinant Human TGF α (Cat. No. MGC173)SDS-PAGE under reducing (R) & Non-reducing conditions.

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