

Recombinant Rat TdGF1, His tagged

Cat. No. TDGF1-166R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TdGF1 (XP_001056317.2) (Met1-Cys143), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-143 a.a.
Predicted N Terminal	Phe 17
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat TDGF1 comprises 138 amino acids and predicts a molecular mass of 15.5 kDa. The apparent molecular mass of the recombinant protein is approximately 22 and 19 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(32.6+48.9) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Tdgf1 teratocarcinoma-derived growth factor 1 [Rattus norvegicus]
Official Symbol	Tdgf1
Gene ID	680246

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