

Recombinant Rat TdGF1, His tagged

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

SPECIFICATION

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|-----------------------------|---|
| 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

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|------------------------|---|
| Gene Name | TdGF1 teratocarcinoma-derived growth factor 1 [Rattus norvegicus] |
| Official Symbol | TdGF1 |
| Gene ID | 680246 |

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