

Recombinant Rat TDGF1 Protein, Fc-tagged

Cat. No. TDGF1-1082R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat TDGF1 (XP_001056317.2) (Met 1-Cys 143) was fused with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-143 a.a.
Predicted N Terminal	Phe 17
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat TDGF1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 368 amino acids and predicts a molecular mass of 41 kDa. The apparent molecular mass of the rat TDGF1/Fc monomer is approximately 45 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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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 of 0.25 ug/ul. 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

Synonyms TDGF1; teratocarcinoma-derived growth factor 1;

Gene ID 680246

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Function growth factor activity; growth factor activity; receptor binding;

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