

Active Recombinant Human TDGF1

Cat. No. TDGF1-526H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TDGF1 (Accession # NP_003203) Leu31-Thr172 & Ser63-Thr172, fused with , was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	Leu31-Thr172 & Ser63-Thr172
Predicted N Terminal	Leu31 & Ser63
Form	Lyophilized from a 0.2 μ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhActivin RIB/Fc Chimera at 2 μg/mL (100 μL/well) can bind rhCripto-1 with a linear range of 0.8-100 ng/mL. This protein will also bind rmNodal in a functional ELISA.
Molecular Mass	Recombinant Human TDGF1 has a calculated MW of 16 kDa & 13 kDa. In SDS-PAGE migrates as 16-20 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	TDGF1 teratocarcinoma-derived growth factor 1 [Homo sapiens]
Official Symbol	TDGF1
Synonyms	TDGF1; teratocarcinoma-derived growth factor 1; CR; CRIPTO; Cripto 1; cripto-1 growth factor; epidermal growth factor-like cripto protein CR1; CRGF;
Gene ID	6997
mRNA Refseq	NM_001174136
Protein Refseq	NP_001167607
MIM	
UniProt ID	P13385
Chromosome Location	3p21.31

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