

Recombinant Human TDGF1, MBP

Cat. No. TDGF1-2904H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TDGF1 (1-188 aa) is expressed in E.Coli with MBP.
Species	Human
Source	E.coli
ProteinLength	1-188 a.a.
Description	Teratocarcinoma-derived growth factor 1 is the founding member of the EGF-CFC gene family, which is conserved among vertebrates. Proteins within this family contain a signal sequence, a characteristic EGF-like domain, a cysteine-rich region termed the cryptic (CFC) motif, and a hydrophobic C-terminus. It has been reported that Cripto-1 is O-fucosylated on Thr-88 and that this modification is required for the physical interaction with Nodal as well as for signalling activity. We have confirmed that teratocarcinoma-derived growth factor 1 is O-fucosylated at this site.
MW	65835 Da.
Formulation	Lyophilized from a solution of phosphate buffered saline (PBS), pH 7.4 purified by affinity chromatography.
Application	ELISA, WB, Antibody Production, Protein array.

GENE INFORMATION

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Synonyms	TDGF1; teratocarcinoma-derived growth factor 1; CR; CRGF; CRIPTO; Cripto-1; Epidermal growth factor-like crypto protein CR1; Cripto-1 growth factor
Gene ID	6997
mRNA Refseq	NM_003212
Protein Refseq	NP_003203
MIM	187395
UniProt ID	P13385
Chromosome Location	3p21.31
Function	growth factor activity

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