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Datasheet for ABIN7319072

TDGF1 Protein (Fc Tag)



Overview

Quantity:	50 μg
Target:	TDGF1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TDGF1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human TDGF1 Protein (Fc Tag)(Active)		
Sequence:	Leu31-Ser169		
Characteristics:	Recombinant Human Teratocarcinoma-derived growth factor 1 is produced by our Mammalian expression system and the target gene encoding Leu31-Ser169 is expressed with a Fc tag at the C-terminus.		
Purity:	> 95 % as determined by reducing SDS-PAGE.		
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.		
Biological Activity Comment:	Immobilized Human ACVR1B-His(Cat: PKSH032037) at 2µg/ml(100 µl/well) can bind Human TDGF1-Fc.		

Target Details

Target:	TDGF1

Target Details

rarget Details		
Alternative Name:	TDGF1 (TDGF1 Products)	
Background:	Background: Teratocarcinoma-derived growth factor 1(TDGF1) is a Cell membrane protein and contains 1 EGF-like domain. The protein plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. It also may play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm. Synonym: Teratocarcinoma-derived growth factor 1,Cripto-1 growth factor,CRGF,Epidermal growth factor-like cripto protein CR1,TDGF1,CRIPTO	
Molecular Weight:	42.8 kDa	
UniProt:	P13385	
Pathways:	EGFR Signaling Pathway	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted	

samples are stable at < -20°C for 3 months.