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Datasheet for ABIN4370553
TDGF1 Protein (AA 31-169) (Fc Tag)

Overview

Quantity:	50 µg
Target:	TDGF1
Protein Characteristics:	AA 31-169
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TDGF1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Teratocarcinoma-Derived Growth Factor 1/TDGF1/Cripto (C-Fc)
Sequence:	LGHQEFARPS RGYLAFRDDS IWPQEPAIR PRSSQRVPPM GIQHSKELNR TCCLNGGTCM LGSFCACPPS FYGRNCEHDV RKENCGSVPH DTWLPKKCSL CKCWHGQLRC FPQAFLPGCD GLVMDEHLVA SRPELPPSV DDIEGRMDEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSREE MTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK
Characteristics:	Recombinant Human Teratocarcinoma-Derived Growth Factor 1/TDGF1/Cripto (C-Fc)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	TDGF1
Alternative Name:	Teratocarcinoma-Derived Growth Factor 1 (TDGF1 Products)
Molecular Weight:	42.8 kDa
UniProt:	P13385
Pathways:	EGFR Signaling Pathway

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.