

Datasheet for ABIN7607318  
**TDGF1 Protein (AA 1-172) (His tag)**



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## Overview

Quantity:	50 µg
Target:	TDGF1
Protein Characteristics:	AA 1-172
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TDGF1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human TDGF1/CRIPTO Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized recombinant human Activin RIB/ALK-4 at 2 µg/mL (100 µL/well) can bind recombinant human TDGF1/CRIPTO (Cat #: AHC97301) with a linear range of 0.8-100 ng/mL.

## Target Details

Target:	TDGF1
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## Target Details

Alternative Name:	Cripto-1 growth factor ( <a href="#">TDGF1 Products</a> )
Background:	Cripto-1 growth factor, Teratocarcinoma-derived growth factor 1, TDGF1, CRIPTO, Epidermal growth factor-like cripto protein CR1, CRGF
UniProt:	<a href="#">P13385</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months