

Datasheet for ABIN7318914  
**PLXDC1 Protein (His tag)**



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## Overview

Quantity:	50 µg
Target:	PLXDC1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLXDC1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human TEM7/PLXDC1 Protein (His Tag)
Sequence:	Leu19-Thr426
Characteristics:	Recombinant Human Plexin Domain-Containing Protein 1 is produced by our Mammalian expression system and the target gene encoding Leu19-Thr426 is expressed with a 6His 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.

## Target Details

Target:	PLXDC1
Alternative Name:	TEM7/PLXDC1 ( <a href="#">PLXDC1 Products</a> )
Background:	Background: Plexin Domain-Containing Protein 1 (PLXDC1) is a single-pass type I membrane protein that belongs to the plexin family. Secreted PLXDC1 is localized predominantly at the

## Target Details

tight junctions of vascular endothelial cells and to a lesser extent at the luminal surface of vascular endothelial cells. PLXDC1 is expressed in fibrovascular membrane with increased expression in individuals with proliferative diabetic retinopathy. It can detect in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. PLXDC1 interacts with NID1 and may also interact with CTTN. It plays a important role in endothelial cell capillary morphogenesis, the proliferation and maintenance of neovascular endothelial cells in the formation of fibrovascular membranes (FVMs).

Synonym: Plexin Domain-Containing Protein 1, Tumor Endothelial Marker 3, Tumor Endothelial Marker 7, PLXDC1, TEM3, TEM7

Molecular Weight: 46.5 kDa

UniProt: [Q8IUK5](#)

## 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 20 mM PB, 150 mM NaCl, 5 % Threhalose, pH 7.2.

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.