

Datasheet for ABIN5510665

**EDIL3 ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	96 tests
Target:	EDIL3 (DEL1)
Binding Specificity:	AA 24-480
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

## Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human EDIL3
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: D24-E480
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.

## Target Details

Target:	EDIL3 (DEL1)
Alternative Name:	EDIL3 ( <a href="#">DEL1 Products</a> )
Background:	Protein Function: Promotes adhesion of endothelial cells through interaction with the alpha-

## Target Details

v/beta-3 integrin receptor. Inhibits formation of vascular-like structures. May be involved in regulation of vascular morphogenesis of remodeling in embryonic development.

Background: EDIL3, also known as DEL1, is a glycoprotein that is secreted by endothelial cells and can associate with the endothelial cell surface and the extracellular matrix. It is regulated by hypoxia or vascular injury and has been implicated in vascular remodeling during angiogenesis. The EDIL3 gene is mapped to 5q14. Human endothelial cells bind to Del1 together with the alpha-V (ITGAV)/beta-3 (ITGB3) integrin receptor. It is confirmed that adhesion of endothelial cells to Del1 is integrin mediated and that Del1 binds ITGAV/ITGB3. Functional analysis showed that both Del1 and vitronectin (VTN) stimulate endothelial cell migration. Immunoprecipitation and immunoblot analyses revealed that adhesion of endothelial cells to Del1 induces tyrosine phosphorylation of PTK2.

Synonyms: EGF-like repeat and discoidin I-like domain-containing protein 3, Developmentally-regulated endothelial cell locus 1 protein, Integrin-binding protein DEL1, EDIL3, DEL1,

Full Gene Name: EGF-like repeat and discoidin I-like domain-containing protein 3

Cellular Localisation: Secreted.

UniProt: [O43854](#)

## Application Details

Plate: Pre-coated

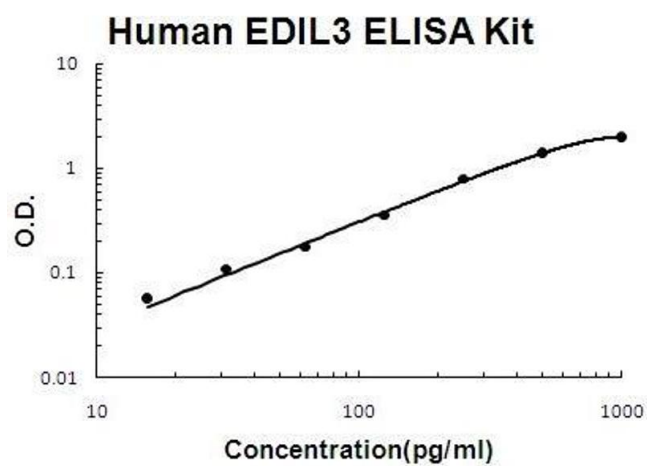
Restrictions: For Research Use only

## Handling

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

Expiry Date: 12 months



**ELISA**

**Image 1.** Human EDIL3 PicoKine ELISA Kit standard curve