Datasheet for ABIN1096549

EDIL3 Protein (AA 17-480) (His tag)

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Overview

Quantity:	50 µg
Target:	EDIL3 (DEL1)
Protein Characteristics:	AA 17-480
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EDIL3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human EDIL3/Del-1 (C-6His)
Sequence:	VPQFGKGDIC DPNPCENGGI CLPGLADGSF SCECPDGFTD PNCSSVVEVA SDEEEPTSAG PCTPNPCHNG GTCEISEAYR GDTFIGYVCK CPRGFNGIHC QHNINECEVE PCKNGGICTD LVANYSCECP GEFMGRNCQY KCSGPLGIEG GIISNQQITA SSTHRALFGL QKWYPYYARL NKKGLINAWT AAENDRWPWI QINLQRKMRV TGVITQGAKR IGSPEYIKSY KIAYSNDGKT WAMYKVKGTN EDMVFRGNID NNTPYANSFT PPIKAQYVRL YPQVCRRHCT LRMELLGCEL SGCSEPLGMK SGHIQDYQIT ASSIFRTLNM DMFTWEPRKA RLDKQGKVNA WTSGHNDQSQ WLQVDLLVPT KVTGIITQGA KDFGHVQFVG SYKLAYSNDG EHWTVYQDEK QRKDKVFQGN FDNDTHRKNV IDPPIYARHI RILPWSWYGR ITLRSELLGC TEEEVDHHHH HH
Characteristics:	Recombinant Human EGF-Like Repeat and Discoidin I-Like Domain-Containing Protein 3/EDIL3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Val17-Glu480) of Human EDIL3 fused with a polyhistidine tag at the C-terminus.

Product Details

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:	EDIL3 (DEL1)
Alternative Name:	edil3 (DEL1 Products)
Sub Type:	Fusionprotein
Background:	EGF-Like Repeat and Discoidin I-Like Domain-Containing Protein 3 (EDIL3) is a 52 kDa extracellular matrix protein that is expressed by endothelial tissues during embryonic vascular development. EDIL3 becomes quiescent at the time of birth, and is no longer expressed in normal adult tissues. EDIL3 has been found to be re-expressed in a number of human tumors as well as in ischemic muscles and ischemic brain tissue, which may play an important role in adult angiogenesis. EDIL3 promotes adherence and migration of endothelial cells, and acts as an endothelial cell survival agent through upregulation of Bcl-2 expression. EDIL3 has also been shown to be an endogenous inhibitor of inflammatory cell recruitment by interfering with the integrin LFA-1-dependent leukocyte-endothelial adhesion. Human EDIL3 is synthesized as a precursor with a 16 amino acid signal sequence and a 464 amino acid mature chain. Alternative Names: EGF-Like Repeats and Discoidin I-Like Domains 3, EDIL3
Molecular Weight:	53.09 kDa
UniProt:	Q8N610

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling

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.
Expiry Date:	3 months