



Recombinant Human EDIL3 (C-6His)

Catalog #	EPT076
Expression Host	Human Cells
DESCRIPTION	Recombinant Human EGF-Like Repeat And Discoidin I-Like Domain-Containing Protein 3 is produced by our Mammalian expression system and the target gene encoding Asp24-Glu480 is expressed with a 6His tag at the C-terminus.
Accession	O43854-1
Synonyms	EGF-Like Repeats and Discoidin I-Like Domains 3; EDIL3
Mol Mass	53.09 KDa
AP Mol Mass	55-65 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
FORMULATION	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 300mM NaCl, pH8.0.





RECONSTITUTION

SHIPPING

The product is shipped on dry ice/polar packs.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt.

Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening.

Please minimize freeze-thaw cycles.

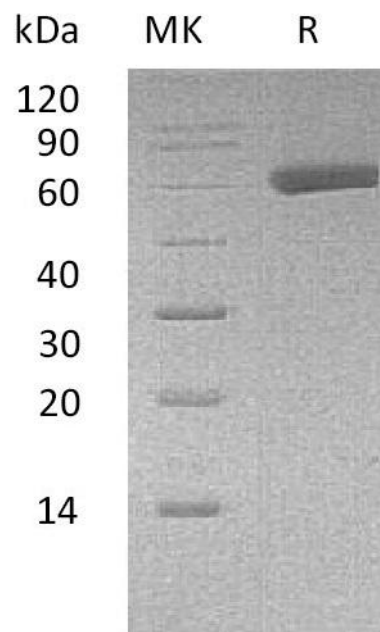
BACKGROUND

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.



SDS-PAGE

