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Product Datasheet

Recombinant Human EDIL3 (C-6His) EBT-EPT076

Article Name	Recombinant Human EDIL3 (C-6His)
Biozol Catalog Number	EBT-EPT076
Supplier Catalog Number	EPT076
Alternative Catalog Number	EBT-EPT076-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product 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....
Molecular Weight	Molecular weight: 53.09 KDa. Apparent molecular weight: 55-65 KDa, reducing conditions
UniProt	O43854
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
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