

Recombinant Human EDIL3/Del-1 Protein(C-6His)

Cat.NO.: TP05564

3th Edition

Synonyms:EGF-Like Repeats and Discoidin I-Like Domains 3; EDIL3

Description: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.

Form:PBS

Molecular Weight:53.1 kDa

Sequences:Val17-Glu480

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.