

Recombinant Human EDIL3

Catalog#:P00799 Derived from Human Cells

DESCRIPTION	<p>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.</p> <p>Accession#: O43854-1</p> <p>Known as: EGF- Like Repeats and Discoidin I- Like Domains 3; EDIL3</p>
FORMULATION	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 300mM NaCl, pH 7.4.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100μg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:53.09kDa AP Mol Mass:60-65kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
BACKGROUND	<p>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.</p>

