

EDIL3 Protein, Human (HEK293, His)

Cat. No.:	HY-P70878A
Synonyms:	EGF-Like Repeats and Discoidin I-Like Domains 3; EDIL3
Species:	Human
Source:	HEK293
Accession:	O43854-1 (D24-E480)
Gene ID:	10085
Molecular Weight:	Approximately 56 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20mM Citrate, 6% Trehalose, 4% Mannitol, 100mM NaCl, 0.05% Tween 80, pH 5.0.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

The EDIL3 Protein plays a pivotal role in promoting the adhesion of endothelial cells by interacting with the alpha-v/beta-3 integrin receptor. Concurrently, EDIL3 exerts an inhibitory effect on the formation of vascular-like structures, suggesting its regulatory role in processes related to angiogenesis. This protein is implicated in the intricate orchestration of vascular morphogenesis and remodeling during embryonic development, highlighting its significance in shaping the vascular architecture. The dynamic interplay between EDIL3 and the alpha-v/beta-3 integrin receptor underscores its potential as a key mediator in cellular adhesion and the regulation of vascular morphogenesis, contributing to our understanding of fundamental processes crucial for embryonic development.

Caution: Product has not been fully validated for medical applications. For research use only.

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