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Datasheet for ABIN1589763 EGFL7 Protein (His tag)

Overview

Quantity:	20 µg
Target:	EGFL7
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFL7 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Characteristics:	Length (AA): 211
Purity:	> 95 % by SDS-PAGE. Visualized by silver stain

Target Details

Target:	EGFL7
Alternative Name:	VE-Statin/EGFL-7 (EGFL7 Products)
Background:	EGFL7 (VE-Statin) is an ~ 30 kDa secreted protein that contains an Emilin-like (EMI) domain (a multimerization motif), and two epidermal growth factor (EGF) domains, one of which binds calcium. Based on these domains, it has been hypothesized that EGFL7 may self-assemble like extracellular matrix (ECM) proteins and, thus, could incorporate into ECM. EGFL7 has been reported to stimulate cell adhesion as well as motility in a manner similar to ECM proteins. EGFL7 has been shown to be primarily expressed by developing ECs but also by primordial

Target Details

germ cells and some central nervous system neurons. Interestingly, EGFL7 expression markedly decreases in ECs in postnatal life, but can be strongly up-regulated after various tissue injuries that lead to increased angiogenic responses.

Synonyms: EGFL7, NEU1, ZNEU1, VE-STATIN, RP11-251M1.2

Molecular Weight: 22,75 kDa

NCBI Accession: [NP_057299](#), [NM_016215](#)

UniProt: [Q9UHF1](#)

Application Details

Application Notes: Not tested so far.

Comment: Cytokines & Growth Factors

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: The lyophilized human EGFL7 should be reconstituted in water to a concentration of not lower than 50 µg/mL.

Buffer: PBS

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C/-80 °C

Storage Comment: Lyophilized samples are stable for greater than six months at -20 °C to -70 °C. Reconstituted EGFL7 should be stored in working aliquots at -20 °C.

Expiry Date: 6 months