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Datasheet for ABIN1589764 EGFL7 Protein (His tag)

Overview

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

Product Details

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| Characteristics: | Length (AA): 263 |
| Purity: | > 95 % by SDS-PAGE. Visualized by silver stain |

Target Details

| | |
|-------------------|--|
| Target: | EGFL7 |
| Alternative Name: | VE-Statin/EGFL-7 (EGFL7 Products) |
| Background: | EGFL7 is an ~ 30 kDa secreted protein that contain an Emilin-like (EMI) domain (a multimerization motif), and 2 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, EGF-like domain 7, Zneu1, VE-statin

Molecular Weight: 28,8 kDa

NCBI Accession: [NP_942018](#), [NM_198725](#)

UniProt: [Q9QXT5](#)

Application Details

Application Notes: Not tested so far.

Comment: Cytokines & Growth Factors

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: The lyophilized mouse 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