

PRODUCT INFORMATION

ECSCR Target

Synonyms ARIA; ECSM2

Recombinant Human ECSCR Protein with C-**Description**

terminal human Fc tag

Delivery In Stock Q19T08 **Uniprot ID Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Background

Purity

ECSCR(Gln25-Val122) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

36.0 kDa after removal of the signal peptide. The apparent molecular mass of ECSCR-hFc is **Molecular Weight** approximately 35-70 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is primarily found in endothelial cells and blood vessels, where it is involved in cell shape changes and EGF-induced cell migration. It can enhance the activation of vascular endothelial growth factor receptor-2/kinase insert domain receptor and also promote the proteolysis of internalized kinase

insert domain receptor. This gene may play a role in angiogenesis-related diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

Usage Research use only

Unconjugated Conjugate









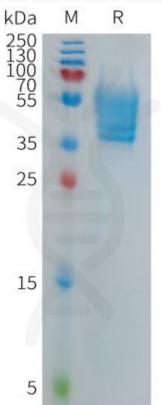


Figure 1.Human ECSCR Protein, hFc Tag on SDS-PAGE under reducing condition.

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