

Datasheet for ABIN7274508

ECSCR Protein (AA 19-130) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ECSCR
Protein Characteristics:	AA 19-130
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECSCR protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse ECSCR Protein
Sequence:	Gln19-Thr130
Characteristics:	Recombinant Mouse ECSCR Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln19-Thr130.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ECSCR
Alternative Name:	ECSCR (ECSCR Products)

Target Details

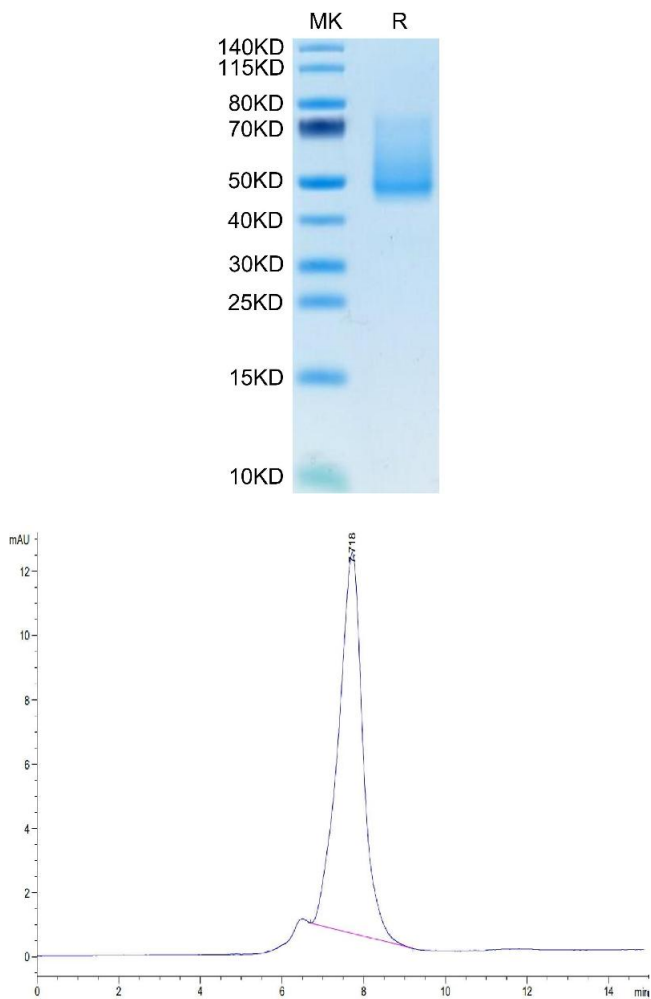
Background:	Endothelial cell-specific chemotaxis receptor (ECSCR) is a cell surface protein expressed by blood endothelial cells with roles in endothelial cell migration and signal transduction. Zebrafish <i>ecscr</i> is expressed in angioblasts and in axial vessels during angioblast migration and vasculogenesis. Morpholino-directed <i>ecscr</i> knockdown resulted in defective angioblast migration in the posterior lateral plate mesoderm, a process known to depend on vascular endothelial-derived growth factor (VEGF).
Molecular Weight:	38.6 kDa. Due to glycosylation, the protein migrates to 48-68 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in 20 mM Tris, 150 mM NaCl (pH 8.2). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse ECSCR on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse ECSCR is greater than 95 % as determined by SEC-HPLC.