

Human ECSCR Protein

Cat. No. ECS-HM201

Description

Source	Recombinant Human ECSCR Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln25-Ala124.
Accession	Q19T08
Molecular Weight	The protein has a predicted MW of 36.8 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μ g by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22 μ m filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 *ecscr* is expressed in angioblasts and in axial vessels during angioblast migration and vasculogenesis. Morpholino-directed *ecscr* knockdown resulted in defective angioblast migration in the posterior lateral plate mesoderm, a process known to depend on vascular endothelial-derived growth factor (VEGF).

Assay Data

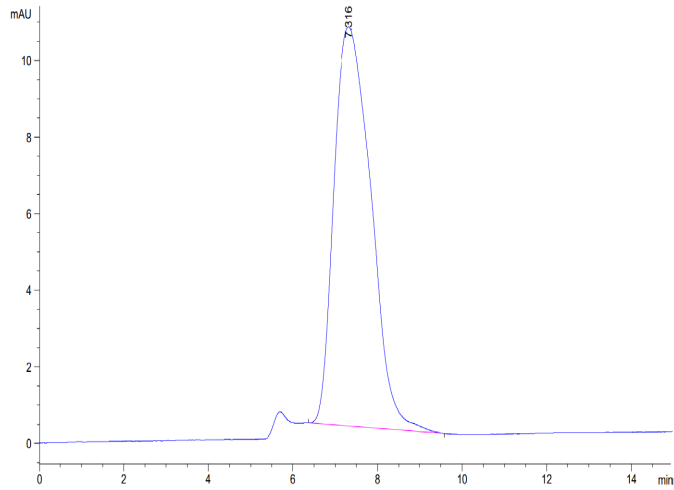
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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