

Human EGFL7 Protein

Cat. No. EGF-HE1L7



Description

Source	Recombinant Human EGFL7 Protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Tyr24-Ser273.
Accession	Q9UHF1
Molecular Weight	The protein has a predicted MW of 28.4 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	> 85% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Lyophilized from 0.22 µm filtered solution in 4mM HCl. Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in 4mM HCl. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Epidermal growth factor-like domain-containing protein 7 (EGFL7), a member of the epidermal growth factor (EGF)-like protein family, is a potent angiogenic factor expressed in many different cell types. EGFL7 plays a vital role in controlling vascular angiogenesis during embryogenesis, organogenesis, and maintaining skeletal homeostasis.

Assay Data

Bis-Tris PAGE

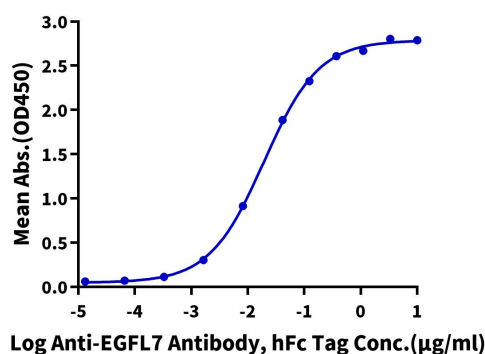


Human EGFL7 on Bis-Tris PAGE under reduced condition. The purity is greater than 85%.

ELISA Data

Human EGFL7, His Tag ELISA

0.1µg Human EGFL7, His Tag Per Well



Immobilized Human EGFL7, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-EGFL7 Antibody, hFc Tag with the EC₅₀ of 19.5ng/ml determined by ELISA.