Human EPHA2 Protein

Cat. No. EPH-HM1A2

Description

Source	Recombinant Human EPHA2 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Ala24-Val537.
Accession	P29317-1
Molecular Weight	The protein has a predicted MW of 57.56 kDa. Due to glycosylation, the protein migrates to 58-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

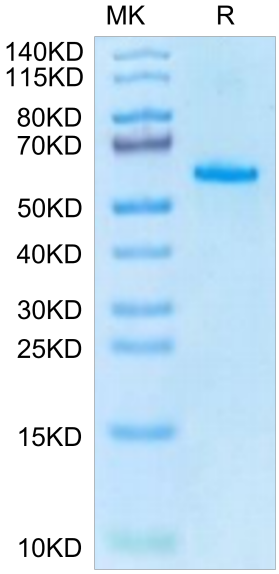
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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

Erythropoietin-producing hepatocellular receptor A2 (EphA2) receptor tyrosine kinase plays an important role in tissue organization and homeostasis in normal organs. EphA2 is overexpressed in a variety of types of solid tumours with oncogenic functions.

Assay Data

Bis-Tris PAGE



Human EPHA2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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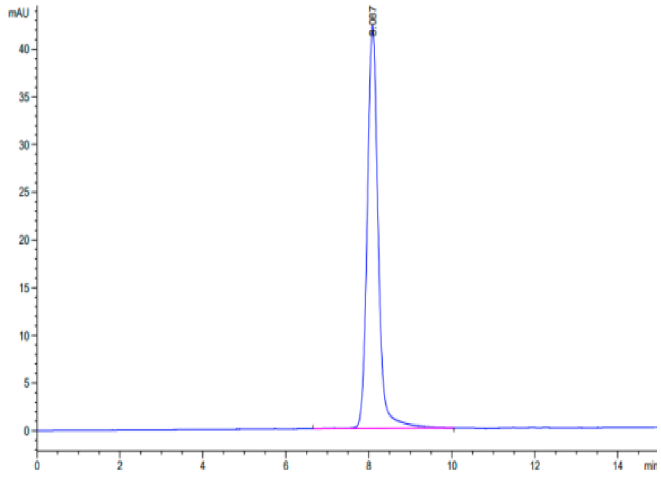

The purity of Human EPHA2 is greater than 95% as determined by SEC-HPLC.