

Canine EPHA2 Protein

Cat. No. EPH-DM1A2

Description

Source	Recombinant Canine EPHA2 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ala24-Asn534.
Accession	A0A286R219
Molecular Weight	The protein has a predicted MW of 57.82 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

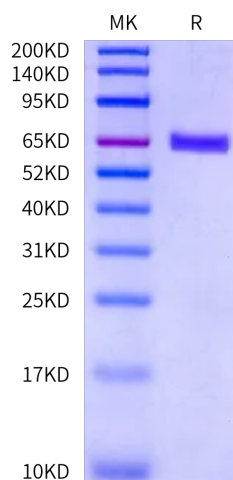
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for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

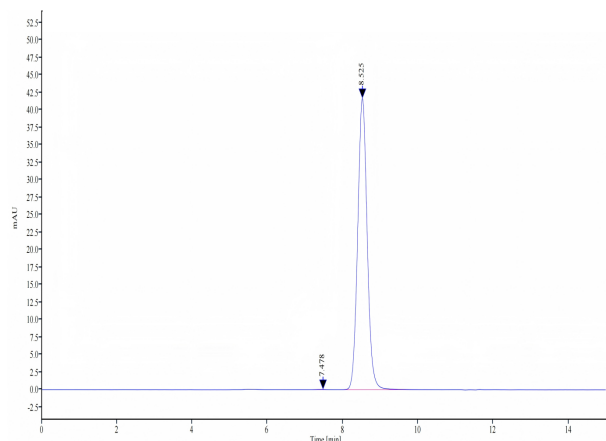
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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