Rev03
Update: Aug,08,2025

DATASHEET

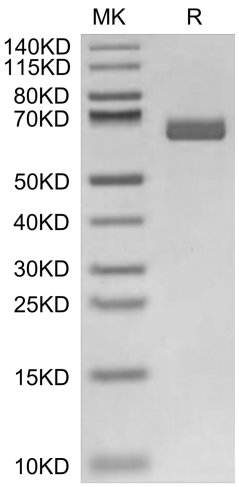
EPHA2, His & Avi, Cynomolgus

Cat. No.: Z04783

Product Introduction

Species	Cynomolgus
Protein Construction	EPHA2 (Ala24-Ser534) Accession # Q1KL86 — His — Avi N-term C-term
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	59.2 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



EPHA2, His & Avi, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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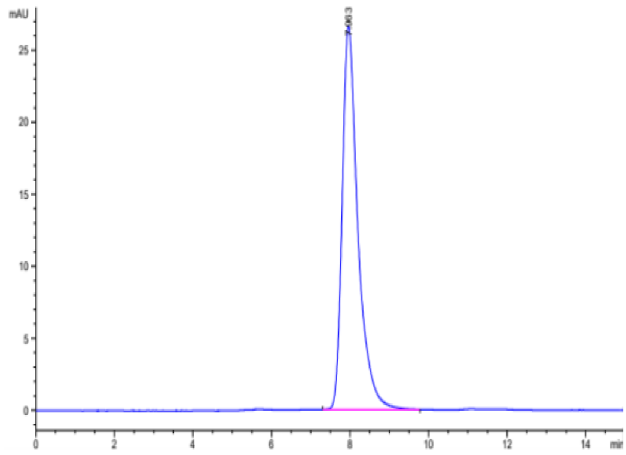

The purity of EPHA2, His & Avi, Cynomolgus is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Ephrin type-A receptor 2 (EPHA2) is a receptor tyrosine kinase (RTK), whose over-expression has been observed in a variety of cancers, including breast cancer. EPHA2 expression may be causally related to tumorigenesis; therefore, it is important to understand how EPHA2 gene (EPHA2) expression is regulated.

Synonyms : Ephrin type-A receptor 2 ; EC:2.7.10.1; EPHA2

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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