

Rev03
 Update: Aug,08,2025

DATASHEET

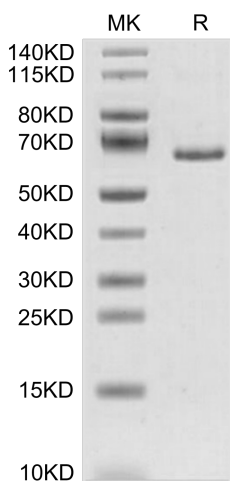
EphB3, His, Mouse

Cat. No.: Z06105

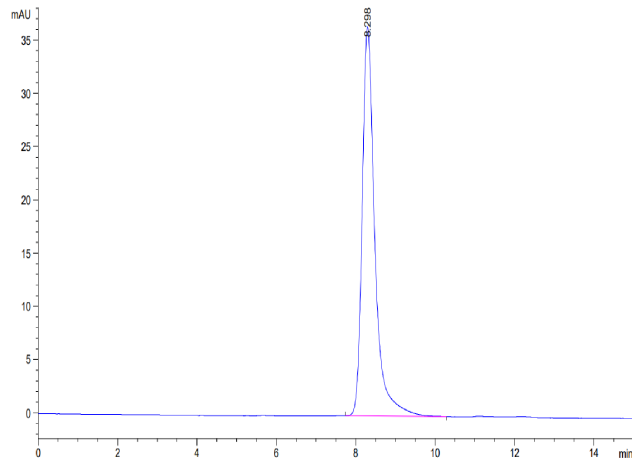
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 5px;">EphB3 (Leu30-Leu554)_x000D_ Accession # P54754</div> <div style="background-color: #76923c; color: white; padding: 5px; margin-left: 5px;">His</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
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	58.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 65-70 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



EphB3, His, Mouse on Bis-Tris PAGE under reduced condition.
 The purity is greater than 95%.



The purity of EphB3, His, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Although EphB3 expression is down-regulated in colorectal cancer (CRC) cells compared with normal intestinal epithelial cells. EphB3 is down-regulated in CRC compared to normal mucosa. Hypermethylation of CpG island is contributed to downregulation of EphB3 in CRC. EphB3 expression in tumor cells may be a useful prognostic indicator for patients with CRC.

Synonyms : EK2; ETK2; HEK2; TYRO6; EPHB3; AW456895; Cek10; MDK5; Sek4; EC 2.7.10; EC 2.7.10.1

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

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