

Mouse Ephrin-A3/EFNA3 Protein

Cat. No. EFN-MM2A3

Description

Source	Recombinant Mouse Ephrin-A3/EFNA3 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Gln23-Gly206.
Accession	O08545
Molecular Weight	The protein has a predicted MW of 47.6 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Interaction of Eph receptor tyrosine kinases with their membrane bound ephrin ligands initiates bidirectional signaling events that regulate cell migratory and adhesive behavior. Whole-mount in situ hybridization revealed overlapping expression of the Epha1 receptor and its high-affinity ligands ephrin A1 (Efna1) and ephrin A3 (Efna3) in the primitive streak and the posterior paraxial mesoderm during early mouse development.

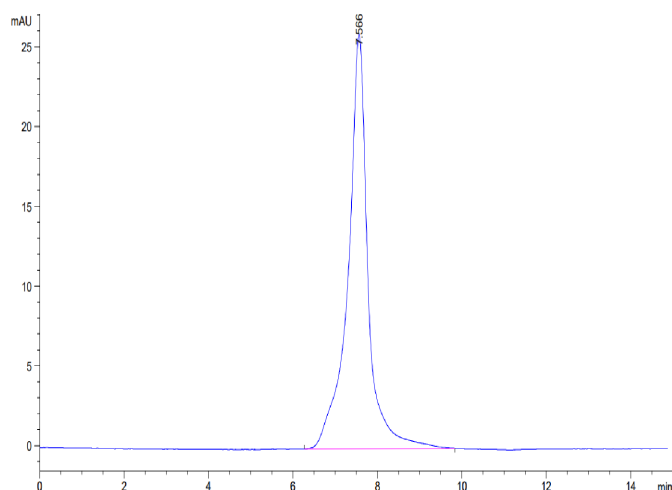
Assay Data

Tris-Bis PAGE



Mouse Ephrin-A3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse Ephrin-A3 is greater than 95% as determined by SEC-HPLC.