

# Human/Cynomolgus Ephrin-A3/EFNA3 Protein

Cat. No. EFN-HM2A3

## Description

<b>Source</b>	Recombinant Human/Cynomolgus Ephrin-A3/EFNA3 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Gln23-Ser213.
<b>Accession</b>	P52797-1
<b>Molecular Weight</b>	The protein has a predicted MW of 41.8 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

<b>Formulation</b>	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.
<b>Storage</b>	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.

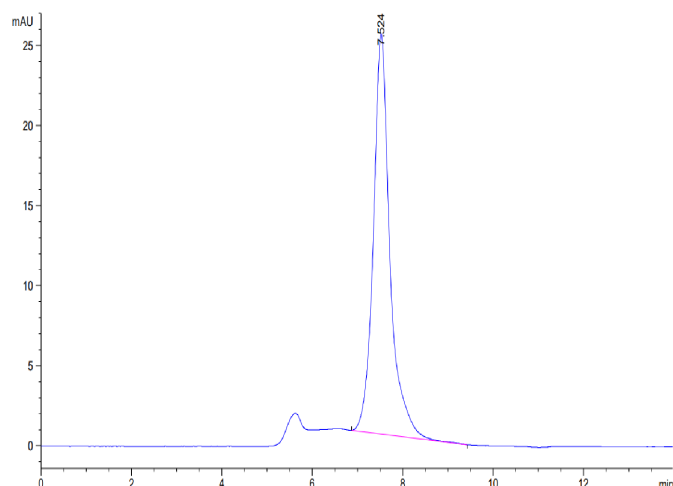
## Assay Data

### Tris-Bis PAGE



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

### SEC-HPLC



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