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# EPH Receptor A3 Protein (EPHA3) (Fc Tag)



Image



#### Overview

Quantity:	200 μg
Target:	EPH Receptor A3 (EPHA3)
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor A3 protein is labelled with Fc Tag.

#### **Product Details**

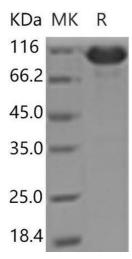
Purpose:	Recombinant Rat EphA3 Protein (Fc Tag)(Active)
Sequence:	Met1-His541
Characteristics:	A DNA sequence encoding the rat EPHA3 (EDL75897.1) (Met1-His541) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	$<$ 1.0 EU per $\mu$ g of the protein as determined by the LAL method
Biological Activity Comment:	Measured by its binding ability in a functional ELISA.Immobilized ratEFNA5-His at 10 $\mu$ g/ml (100 $\mu$ l/well) can bind rat EPHA3-Fc, The EC50 of rat EPHA3-Fc is 12.1-28.4 ng/ml.

# Target Details

Target: EPH Receptor A3 (EPHA3)
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### **Target Details**

Target Details	
Alternative Name:	EphA3 (EPHA3 Products)
Background:	Background: EPHA3 gene belongs to the ephrin receptor subfamily of the protein-tyrosine
	kinase family. EPH and EPH-related receptors have been implicated in mediating
	developmental events, particularly in the nervous system. The ephrin receptors are divided into
	2 groups based on the similarity of their extracellular domain sequences and their affinities for
	binding ephrin-A and ephrin-B ligands. EPHA3 gene encodes a protein that binds ephrin-A
	ligands. EPHA3 is involved in the retinotectal mapping of neurons. It may also control the
	segregation but not the guidance of motor and sensory axons during neuromuscular circuit
	development.Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted
	Therapy
	Synonym: EPHA3
Molecular Weight:	85.8 kDa
Pathways:	RTK Signaling, Regulation of Cell Size
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.



# **Western Blotting**

Image 1.