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Datasheet for ABIN7195519

EPH Receptor A3 Protein (EPHA3) (Fc Tag)

1 Image

Overview

Quantity:	200 µg
Target:	EPH Receptor A3 (EPHA3)
Origin:	Mouse
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 Mouse EphA3 Protein (Fc Tag)(Active)
Sequence:	Met1-His541
Characteristics:	A DNA sequence encoding the extracellular domain of mouse EPHA3 (NP_034270.1)(Met1-His541) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized mouse EFNA5-His at 10 µg/ml (100 µl/well) can bind mouse EPHA3-Fc, The EC50 of rat mouse EPHA3-Fc is 12.3-28.9 ng/ml.

Target Details

Target:	EPH Receptor A3 (EPHA3)
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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: AW492086;Cek4;End3;ETK1;Hek;Hek4;Mek4;Tyro4

Molecular Weight: 85.7 kDa

NCBI Accession: [NP_034270](#)

Pathways: [RTK Signaling, Regulation of Cell Size](#)

Application Details

Restrictions: For Research Use only

Handling

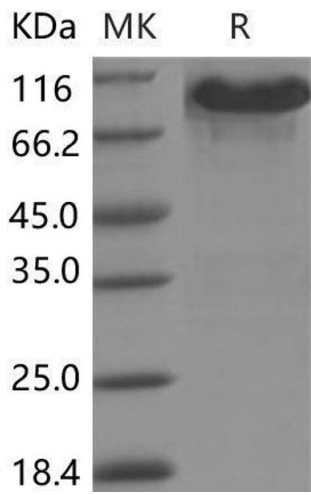
Format: Lyophilized

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.