

Datasheet for ABIN7195523

EPH Receptor A3 Protein (EPHA3) (His tag)[Go to Product page](#)**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 His tag.

Product Details

Purpose:	Recombinant Mouse EphA3 Protein (His Tag)(Active)
Sequence:	Met1-His541
Characteristics:	A DNA sequence encoding the mouse EPHA3 (NP_034270.1) (Met1-His541) was expressed with a C-terminal polyhistidine tag.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	1. Measured by its binding ability in a functional ELISA.2. Immobilized mouse EPHA3-His at 10 µg/mL (100 µL/well) can bind mouse EFNA5-Fc . The EC50 of mouse EFNA5-Fc is 4.9-11.4ng/mL.

Target Details

Target:	EPH Receptor A3 (EPHA3)
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Target Details

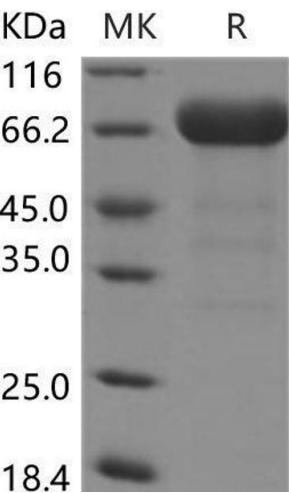
Alternative Name:	EphA3 (EPHA3 Products)
Background:	<p>Background: EPHA3 gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. The ephrin receptors 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.</p> <p>Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy</p> <p>Synonym: AW492086;Cek4;End3;ETK1;Hek;Hek4;Mek4;Tyro4</p>
Molecular Weight:	60.2 kDa
NCBI Accession:	NP_796047
Pathways:	RTK Signaling, Regulation of Cell Size

Application Details

Restrictions:	For Research Use only
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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:	<p>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.</p>



Western Blotting

Image 1.