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Datasheet for ABIN7538224

## EPH Receptor A2 Protein (EPHA2) (AA 26-535) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	EPH Receptor A2 (EPHA2)
Protein Characteristics:	AA 26-535
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPH Receptor A2 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant mouse EPHA2 protein with C-terminal 6xHis tag
Specificity:	Mouse EPHA2 (Lys26-Asn535) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	EPH Receptor A2 (EPHA2)
Alternative Name:	EPHA2 ( <a href="#">EPHA2 Products</a> )
Background:	Predicted to enable growth factor binding activity and transmembrane-ephrin receptor activity.

## Target Details

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Involved in several processes, including animal organ development, osteoblast differentiation, and regulation of blood vessel endothelial cell migration. Acts upstream of or within several processes, including blood vessel morphogenesis, nervous system development, and notochord development. Located in cell surface. Is expressed in several structures, including alimentary system, branchial arch, central nervous system, endometrium, and limb. Used to study cataract 6 multiple types. Human ortholog(s) of this gene implicated in cataract 6 multiple types. Orthologous to human EPHA2 (EPH receptor A2). [provided by Alliance of Genome Resources, Apr 2022]

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Molecular Weight: predicted molecular mass of 57.4 kDa after removal of the signal peptide. The apparent molecular mass of mEPHA2-His is 55-70 kDa due to glycosylation.

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UniProt: [Q03145](#)

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Pathways: [RTK Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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Storage: -20 °C,-80 °C

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Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Mouse E Protein, His Tag on SDS-PAGE under reducing condition.