

PRODUCT INFORMATION

EPHA2 **Target**

Synonyms Eck;Myk2;Sek2;Sek-2

Recombinant mouse EPHA2 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q03145 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Storage & Shipping

Background

Mouse EPHA2(Lys26-Asn535) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight**

57.4 kDa after removal of the signal peptide. The apparent molecular mass of mEPHA2-His is approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

Predicted to enable growth factor binding activity and transmembrane-ephrin receptor activity. 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; pervous system development; and notochard

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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Usage Research use only Conjugate Unconjugated



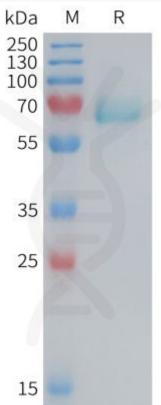


Figure 1. Mouse EPHA2 Protein, His Tag on SDS-PAGE under reducing condition.

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