MOUSE EPHA2 PROTEIN, HIS TAG

：12206

：Mouse EPHA2

：10/50/100 µg

Eck;Myk2;Sek2;Sek-2

：EPHA2

UNIPROT ID: Q03145

：Recombinant mouse EPHA2 protein with C-terminal 6xHis tag

：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; 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]

／ ：HEK293

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

：Mouse EPHA2(Lys26-Asn535) 6×His tag

：The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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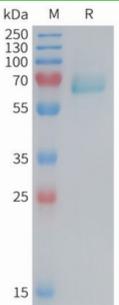
Figure 1. Mouse EPHA2 Protein, His Tag on SDS-PAGE under reducing condition.