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Product Information

MemDX™ Membrane Protein Human EPHA2 (EPH receptor A2) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0097Q**
This product is for research use only and is not intended for diagnostic use.

This product is a 56.4 kDa Human EPHA2 membrane protein expressed in Sf9. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
EPHA2

Protein Length
Partial

Protein Class
Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight
56.4 kDa

TMD
1

Sequence
MELQAARACFALLWGCALAAAAAAQGKEVVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDMPIYMYSVCNVMSGDQDNWLRT

Product Description

Expression Systems
Sf9

Tag
C-DDK

Form
Powder

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

EPHA2

Full Name

EPH receptor A2

Introduction

This 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. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. 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. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.

Alternative Names

ARCC2; CTPA; CTPP1; CTRCT6; ECK; ephrin type-A receptor 2; epithelial cell receptor protein tyrosine kinase; soluble EPHA2 variant 1; tyrosine-protein kinase receptor ECK

Gene ID

1969

UniProt ID

P29317