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Product Information

MemDX™ Membrane Protein Human EPHA3 (EPH receptor A3) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0130Q**
This product is for research use only and is not intended for diagnostic use.

This product is a 58.8 kDa Human EPHA3 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
EPHA3

Protein Length
Partial

Protein Class
Druggable Genome, Protein Kinase, Secreted Protein, Transmembrane

Molecular Weight
58.8 kDa

TMD
1

Sequence
MDCQLSILLLLSCSVLDSFGELIPQPSNEVNLLDSKTIQGELGWISYPSHGWEEISGVDEHYTPIRTYQVCNVMDHSQNNWLRTNW

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

EPHA3

Full Name

EPH receptor A3

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. Two alternatively spliced transcript variants have been described for this gene.

Alternative Names

EK4; ETK; ETK1; HEK; HEK4; TYRO4; ephrin type-A receptor 3; EPH-like kinase 4; EPH-like kinase 4; hEK4; Human embryo kinase; Tyrosine-protein kinase TYRO4; Tyrosine-protein kinase receptor ETK1; TYRO4 protein tyrosine kinase; eph-like tyrosine kinase 1; human embryo kinase 1; testicular tissue protein Li 64

Gene ID

2042

UniProt ID

P29320