SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human EPHA4 (EPH receptor A4) for Antibody Discovery

Cat. No.: **MP1317J**
This product is for research use only and is not intended for diagnostic use.

This product is a 61 kDa Human EPHA4 membrane protein expressed in HEK293. 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
EPHA4

Protein Length
Partial (20-547aa)

Protein Class
Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight
61 kDa

TMD
1

Sequence
MAGIFYFALFSCLFGICDAVTGSRVYPANEVTLLDSRSVQGELGWIASPLEGGWEEVSIMDEKNTPIRTY
QVCNVMEPSQNNWLRTDWITREGAQRVYIEIKFTLRDCNSLPGVMGTCKETFNLYYYESDNDKERFIREN
QFVKIDTIAADESFTQVDIGDRIMKLNTEIRDVGPLSKKGFYLAFQDVGACIALVSVRVFYKKCPLTVRN
LAQFPDTITGADTSSLVEVRGSCVNNSEEKDVPKMYCGADGEWLVPIGNCLCNAGHEERSGECQACKIGY
YKALSTDATCAKCPPHSYSVWEGATSCTCDRGFFRADNDAASMPCTRPPSAPLNLISNVNETSVNLEWSS
PQNTGGRQDISYNVVCKKCGAGDPSKCRPCGSGVHYTPQQNGLKTTKVSITDLLAHTNYTFEIWAVNGVS
KYNPNPDQSVSVTVTTNQAAPSSIALVQAKEVTRYSVALAWLEPDRPNGVILEYEVKYYEKDQNERSYRI
VRTAARNTDIKGLNPLTSYVFHVRARTAAGYGDFSEPLEVTTNTVPSRIIGDGANST

Product Description

Expression Systems
HEK293

Tag
C-DDK/His

Form

Liquid

Purity

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

Buffer

PBS, pH7.4, 10% glycerol

Storage

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

Target

Target Protein

EPHA4

Full Name

EPH receptor A4

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. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

EK8; SEK; HEK8; TYRO1; TYRO1 protein tyrosine kinase; receptor protein-tyrosine kinase HEK8; tyrosine-protein kinase TYRO1; tyrosine-protein kinase receptor SEK

Gene ID

2043

UniProt ID

P54764

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