Ephb1 Active (EphB1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	EphB1 Active, Recombinant Protein
Full Product Name	Human EphB1 Active Recombinant Protein C-His Tag Lyophilized
Product Gene Name	EphB1 recombinant protein
Host	Human Cells
Form/Format	The protein formulation is lyophilized from a 0.2um filtered solution of 20mM Tris;150mM NaCl;pH8.0
Purity/Purification	>95% as determined by reducing SDS-PAGE. <1.0 EU per ug as determined by the LAL method.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Human
Tag	C-His
Related Product Information for EphB1 recombinant protein	Human EphB1 Recombinant Protein C-His Tag Lyophilized has been recombinantly produced in Human Cells. Ephrin Type-B Receptor 1 (EPHB1) is a single-pass type I membrane protein that belongs to the Ephrin-B family of receptor tyrosine kinases that is involved in embryonic nervous and vascular system development. EPHB1/EPHT2 contains two fibronectin type-III domains; one protein kinase domain and one SAM (sterile alpha motif) domain. EPHB1 could stimulate fibroblast motility on extracellular matrix in a kinase-dependent manner; which also correlated with its association with Grb7; an adaptor molecule implicated in the regulation of cell migration. It binds to ephrin-B1; ephrin-B2 and ephrin-B3. EPHB1 plays an important roles in diverse biological processes including nervous system development; angiogenesis; and neural synapsis formation and maturation and may be involved in cell-cell interactions in the nervous system.
Other Notes	Small volumes of EphB1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EphB1 purchase	MBS8431948 is a recombinant protein targeting EphB1. Also known as Human EphB1 Active Recombinant Protein C-His Tag Lyophilized. Host: Human Cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EphB1. It may not necessarily be applicable to this product.

Protein Family	Ephrin type-B receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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