

Product datasheet

Recombinant Mouse Eph receptor B4/HTK protein  
ab222345

1 Image

Description

<b>Product name</b>	Recombinant Mouse Eph receptor B4/HTK protein	
<b>Purity</b>	> 85 % SDS-PAGE. ab222345 was purified by conventional chromatography techniques.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	Baculovirus infected insect cells	
<b>Accession</b>	<a href="#">P54761</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Mouse	
<b>Sequence</b>	<p>LEETLLNTKLETADLKWVTYPQAEQGWEELSGLDDEEQHS            VRTYEVCDMKR            PGGQAHWLRTGWVPRRGAVHVYATIRFTMMECLSLPRAS            RSCKETFTVFY            YESEADTATAHTPAWMENPYIKVDTVAAEHLTRKRPGAEA            TGKVNITLR            LGPLSKAGFYLAHQDQGACMALLSLHLFYKKCSWLITNLT            YFPETVPREL            VVPVAGSCVANAVPTANPSPSLYCREGGQWAEQQVTGC            SCAPGYEAAESN            KVCACGQGTGFKPQIGDESLPCPANSHSNIGSPVCLC            RIGYRARS DP            RSSPCTTPPSAPRSVVHHLNGSTLRLEWSAPLESGGRED            LTYAVRCRECR            PGGSLPCGGDMTFDPGPRDLVEPWVAIRGLRPDVITYF            EVAALNGVSTL            ATGPPPFEPVNVTTDREVPPAVSDIRVTRSSPSSLILSWAI            PRAPSGAVL            DYEVKYHEKGAEGPSSVRFLKTSENRAELRGLKRGASYL            VQVRARSEAGY            GPFQGEHHSQTQLDESESWREQLAVEHHHHHHH</p>	
<b>Predicted molecular weight</b>	59 kDa including tags	

<b>Amino acids</b>	16 to 540
<b>Tags</b>	His tag C-Terminus
<b>Additional sequence information</b>	Extracellular domain.

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab222345** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Eph receptor B4

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 7.40 Constituents: PBS, 10% Glycerol (glycerin, glycerine)
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## General Info

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<b>Function</b>	Receptor for members of the ephrin-B family. Binds to ephrin-B2. May have a role in events mediating differentiation and development.
<b>Tissue specificity</b>	Abundantly expressed in placenta and in a range of primary tissues and malignant cell lines. Expressed in fetal, but not adult, brain, and in primitive and myeloid, but not lymphoid, hematopoietic cells.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily. Contains 2 fibronectin type-III domains. Contains 1 protein kinase domain. Contains 1 SAM (sterile alpha motif) domain.
<b>Post-translational modifications</b>	Autophosphorylated.
<b>Cellular localization</b>	Membrane.

## Images

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SDS-PAGE - Recombinant Mouse Eph receptor B4/HTK protein (ab222345 at 3 µg)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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