

## Product datasheet

# Recombinant Human Eph receptor B4/HTK protein (His tag) ab167746

[1 References](#) [1 Image](#)

### Description

<b>Product name</b>	Recombinant Human Eph receptor B4/HTK protein (His tag)	
<b>Purity</b>	> 97 % SDS-PAGE. ab167746 was lyophilized from 0.22 µm filtered solution.	
<b>Endotoxin level</b>	< 1.000 Eu/µg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<b><u>P54760</u></b>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<pre> LEETLLNTKLETADLKWVTFPQVDGQWEELSGLDDEEQHS VRTYEVCDVQR APGQAHWLRTGWVPRRGAVHVYATLRFTMLECLSLPRA GRCKETFTVfy YESDADTATALTPAWMENPYKVDTVAAEHLTRKRPGAEA TGKVVNKTLR LGPLSKAGFYLAHQDQGACMALLSLHLFYKKCAQLTVNLT RFPETVPREL VVPVAGSCVVDVAVPAPGSPSLYCREGGQWAEQPVTG CSCAPGFEEAEGN TKCRACAQGTfKPLSGEGSCQPCPANSHTIGSAVCQC RVGYFRARTDP RGAPCTTPPSAPRSVVSRLNGSSLHLEWSAPLESggRE DLTYALRCRECR PGGSCAPCGDLTFDPGPRDLVEPWVVRGLRPDFTYT FEVTALNGVSSL ATGVPVPEPVNVTTDREVPPAVSDIRVTRSSPSSLSLAW AVPRAPSGAVL DYEVKYHEKGAEGPSSVRFLKTSENRAELRGLKRGASYL VQVRARSEAGY GPFQGEHHSQTQLDESEGWREQLA </pre>	
<b>Predicted molecular weight</b>	58 kDa including tags	
<b>Amino acids</b>	16 to 539	

**Tags** His tag C-Terminus

## Specifications

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Our **Abpromise guarantee** covers the use of **ab167746** 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 Functional Studies
<b>Form</b>	Lyophilized
<b>Additional notes</b>	This product is stable after storage at: -20 °C to -70 °C for 12 months in lyophilized state; -70 °C for 3 months under sterile conditions after reconstitution. 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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 95% PBS, 5% Trehalose
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<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile deionized water to a final concentration of 400 ug/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage.
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## General Info

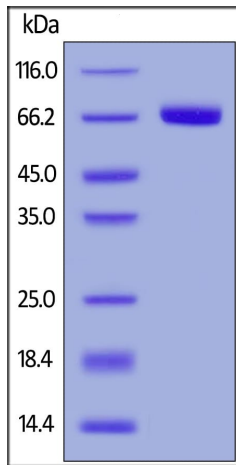
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<b>Function</b>	Receptor for members of the ephrin-B family. Binds to ephrin-B2. May have a role in events mediating differentiation and development.
<b>Tissue specificity</b>	Abundantly expressed in placenta and in a range of primary tissues and malignant 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.

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## Images

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SDS-PAGE of reduced ab167746 stained overnight with Coomassie Blue. The protein migrates as 65-75 kDa due to glycosylation.

SDS-PAGE - Recombinant human Eph receptor B4/HTK protein (ab167746)

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

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