



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### EPHB4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002050-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human EPHB4 full-length ORF (AAH52804.1, 1 a.a. - 987 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MELRVLLCWASLAAALEETLLNKTLETADLKWVTFPQV  
DGQWEELSGLDDEEQHSVRTYEVCDVQRAPGQAHWL  
RTGWVPRRGAVHVYATLRFMTLECLSLPRAGRSCKE  
TFTVFYYESDADTATALTPAWMENPYIKVDTVAAEHLT  
RKRPGAEATGKVNVRTLRGLPLSKAGFYLAQDQGAC  
MALLSLHLFYKCAQLTVNLTRFPETVPRELVVPVAGS  
CVVDAVPAPGSPSLYCREDGQWAEQPVTGCSCAPG  
FEAAEGNTKCRACAQGTFKPLSGEGSCQPCPANSHS  
NTIGSAVCQCRVGYFRARTDPRGAPCTPPSAPRSV  
SRLNGSSLHLEWSAPLES GGREDLTYALRCRECRPG  
GSCAPCGGDLTFDPGPRDLVEPVVVVRGLRPDFTYT  
FEVTALNGVSSLATGPVPFEPVNVTTDREVPVAVDIR  
VTRSSPSSLSLAWAVPRAPSGAVLDYEVKYHEKGAEG  
PSSVRFLKTSENRAELRGLKRGASYLVQVRARSEAGY  
GPFQGEHHSQTQLDESEGWREQLALIAGTAVVGVV  
LVVIVVAVLCLRKQSNGREAEYSKHKGYLIGHGKTY  
IDPFTYEDPNEAVREFAKEIDVSYVKIEEVIGAGEFGEV  
CRGRLKAPGKKESCVAIKTLKGGYTERQRREFLSEASI  
MGQFEHPNIIRLEGVVTNSMPVMILTEFMENGALDSFL  
RLNDGQFTVIQLVGMLRGIASGMRYLAEMSYVHRDLA  
ARNILVNSNLVCKVSDFGLSRFLEENSSDPTYTSSLGG  
KIPIRWTAPEAIAFRKFTSASDAWSYGIVMWEVMSFGE  
RPYWDMSNQDVINAIEQDYRLPPPPDCPTSLHQLMLD  
CWQKDRNARPRFPQVVSALDKMIRNPASLKIVARENG  
GASHPLLDQRQPHYSAFGSVGEWLRAIKMGRYEESF  
AAAGFGSFELVSQISAEDLLRIGVTLAGHQKKILASVQH  
MKSQAKPGTPGGTGGPAPQY

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 134.7

**Interspecies Antigen Sequence:** Mouse (92); Rat (92)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2050

**Gene Symbol:** EPHB4

**Gene Alias:** HTK, MYK1, TYRO11

**Gene Summary:** Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene binds to ephrin-B2 and plays an essential role in vascular development. [provided by RefSeq]