



# 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

### EPHA4 (Human) Recombinant Protein (P02)

**Catalog Number:** H00002043-P02

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

**Product Description:** Human EPHA4 full-length ORF ( NP\_004429.1, 1 a.a. - 986 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAGIFYFALFSCFLGICDAVTGSRVYPANEVTL LDSRS  
VQGELGWIASPLEGGWEEVSIMDEKNTPIRTYQVCNV  
MEPSQNNWLRTDWITREGAQRVYIEIKFTLRDCNSLP  
GVMGTCKETFNLYYESDNDKERFIRENQFVKIDTIAA  
DESFTQVDIGDRIMKLNTEIRDVGPLSKKGFYLAQFDV  
GACIALVSVRVFYKKCLTVRNLAQFPDTITGADTSSLV  
EVRGSCVNNSEEKDVPMKYCGADGEWLVPIGNCLCN  
AGHEERSGECQACKIGYYKALSTDATCAKCPPHSYSV  
WEGATSCTCDRGFFRADNDAASMPCTRPPSAPLNLS  
NVNETSVNLEWSSPQNTGGRQDISYNNVCKKCGAGD  
PSKCRPCGSGVHYTPQQNGLKTTKVSITDLLAHTNYT  
FEIWA VNGVSKYNPNPDQSVSVTVTTNQAAPSSIALV  
QAKEVTRYVALAWLEPDRPNGVILEYEVKYYEKDQN  
ERSYRIVRTAARNTDIKGLNPLTSYVFHVRARTAAGYG  
DFSEPLEVTTNTVPSRIIGDGANSTVLLVSVSGSVLLV  
ILIAAFVISRRRSKYSKAKQEADEEKHLNQGVRTYVDP  
FTYEDPNQAVREFAKEIDASCIEKIEKIVGVGEFGEVCSG  
RLKVPKGREICVAIKTLKAGYTDKQRRDFLSEASIMGQ  
FDHPNIIHLEGVVTCKKPVMIITEYMENGLDAFLRKN  
GRFTVIQLVGMRLRGIGSGMKYLSMSYVHRDLAARNIL  
VNSNLVCKVSDFGMSRVLEDDPEAAYTTRGGKIPRW  
TAPEAIA YRKFTSASDVWSYGIVMWEVMSYGERPYW  
DMSNQDVIKAIIEGYRLPPMDCPIALHQLMLDCWQK  
ERSDRPKFGQIVNMLDKLIRNPNSLKRGTTESSRPNTA  
LLDPSSPEFSAVVSVGDWLQAIKMDRYKDNFTAAGYT  
TLEAVVHVNQEDLARIGITAITHQNKILSSVQAMRTQM  
QQMHGRMVPV

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

**Theoretical MW (kDa):** 136.3

**Interspecies Antigen Sequence:** Mouse (99); Rat (99)

**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:** 2043

**Gene Symbol:** EPHA4

**Gene Alias:** HEK8, SEK, TYRO1

**Gene Summary:** 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. [provided by RefSeq]