



# 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

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## Datasheet

### EPHA2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001969-P01

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

**Product Description:** Human EPHA2 full-length ORF ( NP\_004422.2, 1 a.a. - 976 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MELQAARACFALLWGCALAAAAAQQKEVLLDFAAA  
GGELGWLTHPYGKGWDLMQNIMNDMPIYMYSVCNV  
MSGDQDNWLRNWWVYRGEAERIFIELKFTVRDCNSFP  
GGASSCKETFNLYAESDLDYGTNFQKRLFTKIDTIAP  
DEITVSSDFEARHVKLNVEERSVGPLTRKGFYLAQDI  
GACVALLSVRVYYKKCEPELLQGLAHPETIAGSDAPSL  
ATVAGTCVDHAVVPPGGEEPRMHCVAVDGEWLVPDQ  
CLCQAGYEKVEDACQACSPGFFKFEASESPCLECEPH  
TLPSPGATSCECEEGFFRAPQDPASMPCTRPPSAPH  
YLTAVGMGAKVELRWTPPQDSGGREDIVYSVTCEQC  
WPESGEGCPCEASVRYSEPPHGLTRTSVTVDLEPH  
MNYTFTVEARNGVSGLVTSRSFRTASVSINQTEPPKV  
RLEGRSTTSLVSVSIPPPQSRVWKYEVTYRKKGDS  
NSYNVRRTEGFSVTLDDLAPDTTYLVQVQALTQEGQG  
AGSKVHEFQTLSPGSGNLAVIGGVAVGVLLLVLAGV  
GFFIHRRRKNQRARQSPEDVYFSKSEQLKPLKTYVDP  
HTYEDPNQAVLKFTTEIHPSCVTRQKVIGAGEFGEVYK  
GMLKTSSGKKEVPVAIKTLKAGYTEKQRVDFLGEAGIM  
GQFHHNIIRLEGVISKYKPMIITEYMENGALDKFLRE  
KDGEFSVLQLVGMRLGIAAGMKYLANMNYVHRDLAAR  
NILVNSNLVCKVSDVDFGLSRVLEDDPEATYTTSGGKIPIR  
WTAPEAISYRKFTSASDVWSFGIVMWEVMTYGERPY  
WELSNHEVMKAINDFRFLPTMDCPSAIYQLMMQCW  
QGERARRPKFADIVSILDKLIRAPDSLKTLADFDPRVSI  
RLPSTSGSEGVFRTVSEWLESIKMQQYTEHFMAAGY  
TAIEKVQMTNDDIKRIGVRLPGHQKRIAYSLLGLKDQV  
NTVGIPI

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

**Theoretical MW (kDa):** 134.7

**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 GenID:** 1969

**Gene Symbol:** EPHA2

**Gene Alias:** ECK

**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. This gene encodes a protein that binds ephrin-A ligands. [provided by RefSeq]