



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### EFNA2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001943-P01

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

**Product Description:** Human EFNA2 full-length ORF (AAI48728.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAPAQRPLLPLLLLLLPLPPPPFARAEDAARANSDRYA  
VYWNRSNPRFHAGAGDDGGGYTVEVSINDYLDIYCPH  
YGAPLPPAERMEHYVLYMVNGEGHASCDDRQRGFKR  
WECNRPAAPGGPLKFSEKFLFTPFLGFEFRPGHEY  
YYISATPPNAVDRPCLRLKVYVRPTNETLYEAPEPIFTS  
NNSCSPGGCRLFLSTIPVLWTLGGS

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

**Theoretical MW (kDa):** 50.38

**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:** 1943

**Gene Symbol:** EFNA2

**Gene Alias:** ELF-1, EPLG6, HEK7-L, LERK6

**Gene Summary:** This gene encodes a member of the ephrin family. The protein is composed of a signal

sequence, a receptor-binding region, a spacer region, and a hydrophobic region. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, 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. Posttranslational modifications determine whether this protein localizes to the nucleus or the cytoplasm. [provided by RefSeq]