



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### STAU1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006780-P01

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

**Product Description:** Human STAU1 full-length ORF ( NP\_059347.2, 1 a.a. - 577 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSQVQVQVQNPSAALSGSQILNKNQSLLSQPLMSIPS  
TTSSLPSENAGRPIQNSALPSASITSTSAAAESITPTVE  
LNALCMKLGKKPMYKVPDPYSRMQSTYNYNMRGGAY  
PPRYFYFPFPVPLLYQVELSVGGQQFNGKKGTRQAAK  
HDAAAKALRILQNEPLPERLEVNGRESEEEENLNKSEIS  
QVFEIALKRNLVNFVARESGPPHMKNFVTKVSVGE  
FVGEGEGKSKKISKKNAAIAVLEELKKLPLPAVERVKP  
RIKKKTKPIVKPQTSPEYGGQINPISRLAQIQAKKEKE  
PEYLLTERGLPRRREFVMQVKVGNHTAEGTGNKKV  
AKRNAAENMLEILGFKVPQAQPTKPALKSEEKTPIKKP  
GDGRKVTFFEPGSGDENGTSNKEDEFMPYLSHQQL  
PAGILPMVEVAQAVGVSQGHHTKDFTRAAPNPAKAT  
VTAMIARELLYGGTSPTAETILKNNISSGHVPHGLTRP  
SEQLDYLSRVQGFQVEYKDFPKNNKNEFVSLINCSSQ  
PPLISHGIGKDVESCHDMAALNILKLLSELDDQSTEMP  
RTGNGPMSVCGRC

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

**Theoretical MW (kDa):** 89.6

**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:** 6780

**Gene Symbol:** STAU1

**Gene Alias:** FLJ25010, STAU

**Gene Summary:** Staufen is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. The human homologue of staufen encoded by STAU, in addition contains a microtubule-binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. The STAU gene product has been shown to be present in the cytoplasm in association with the rough endoplasmic reticulum (RER), implicating this protein in the transport of mRNA via the microtubule network to the RER, the site of translation. Five transcript variants resulting from alternative splicing of STAU gene and encoding three isoforms have been described. Three of these variants encode the same isoform, however, differ in their 5'UTR. [provided by RefSeq]