



# 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

### STAR (Human) Recombinant Protein (P02)

**Catalog Number:** H00006770-P02

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

**Product Description:** Human STAR full-length ORF ( NP\_000340.2, 1 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MLLATFKLCAGSSYRHRNMKGLRQQAVMAISQELN  
RRALGGPTPSTWINQVRRRSLLGSRLLEETLYSDQEL  
AYLQQGEEAMQKALGILSNQEGWKKESQQDNGDKV  
MSKVVPDVGKVFRLVVVDQPMERLYEELVERMEAM  
GEWNPNVKEIKVLQKIGKDTFITHLAAEAAGNLVGPR  
DFVSVRCAKRRRGSTCVLAGMATDFGNMPEQKGVIRA  
EHGPTCMVLHPLAGSPSKLTLWLLSIDLKGWLPKSII  
NQVLSQTQVDFANHLRKRLESHPASEARC
```

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

**Theoretical MW (kDa):** 58.3

**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:** 6770

**Gene Symbol:** STAR

**Gene Alias:** STARD1

**Gene Summary:** The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13. [provided by RefSeq]