



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### S100A3 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00006274-Q01

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

**Product Description:** Human S100A3 partial ORF ( NP\_002951, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MARPLEQAVAAIVCTFQEYAGRCGDKYKLCQAEKEL  
LQKELATWTPTEFRECDYNKFMSVLDTNKDCEVDFVE  
YVRSACLCLYCHEYFKDCPSEPPCSQ

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

**Theoretical MW (kDa):** 36.85

**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:** 6274

**Gene Symbol:** S100A3

**Gene Alias:** S100E

**Gene Summary:** The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number

of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein has the highest content of cysteines of all S100 proteins, has a high affinity for Zinc, and is highly expressed in human hair cuticle. The precise function of this protein is unknown. [provided by RefSeq]