



# 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

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## Datasheet

### SP3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006670-P01

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

**Product Description:** Human SP3 full-length ORF (ADR83384.1, 1 a.a. - 781 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTAPEKPKVQEEMAALDVDSGGGGGGGGHGEYLQ  
QQQHGNGAVAAAAAQTQPSPLALLAATCSKIGPP  
SPGDDEEEAAAAGAPAAAGATGLASALGGAPNR  
WEVLSATPTTIKDEAGNLVQIPSAATSSGQYVPLQNL  
QNQQIFSVAPGSDSSNGTVSSVQYQVIPQIQSADGQQ  
VQIGFTGSSDNGGINQESSQIIPGSNQTLLASGTPSA  
NIQNLIPTGQVQVQVQVQVQVQVQVQVQVQVQVQV  
LPGNITFVPINSVDLDSLGLSGSSQTMTAGINADGHLIN  
TGQAMDSSDINSERTGERVSPDINETNTDLDLFVPTSS  
SSQLPVTIDSTGILQONTNSLTSSGQVHSSDLQGNYY  
QSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQ  
AQIVQGITPQTIHGVAQSGQNIQQALQNLQNLQNPQT  
FLIQAQVTPSGQVTVQTFQVQVQVQVQVQVQVQVQV  
QQITLTPVQTLTGQVAAGGAFTSTPVSLSLSTGQLPNLQ  
TVTNSIDSAGIQLHPGENADSPADIRIKEEPPDPEEW  
QLSGDSTLNTNDLTHLRVQVQVQVQVQVQVQVQVQV  
RVACTCPNCKEGGGRGNTNLGKKKQHICHIPGCGKVY  
GKTSHLRAHLRWHSGERPFVCNWMYCGKRFRSDEL  
QRHRRHTTGEKFCPECKRFMRSDHLAKHIKTHQN  
KKGIHSSSTVLASVEAARDTLITAGTTLILANIQQGS  
VSGIGTVNTSATSNDILTNTIPLQLVTVSGNETME

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

**Theoretical MW (kDa):** 86

**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:** 6670

**Gene Symbol:** SP3

**Gene Alias:** DKFZp686O1631, SPR-2

**Gene Summary:** This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses the transcription of numerous genes. Transcript variants encoding different isoforms have been described for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sites, have also been noted. [provided by RefSeq]

**References:**

1. Mineralocorticoid receptor interaction with SP1 generates a new response element for pathophysiologically relevant gene expression. Meinel S, Ruhs S, Schumann K, Stratz N, Trenkmann K, Schreier B, Grosse I, Keilwagen J, Gekle M, Grossmann C Nucleic Acids Res. 2013 Jul 1.