



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### SMAD3 (Human) Recombinant Protein (Q02)

**Catalog Number:** H00004088-Q02

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

**Product Description:** Human SMAD3 partial ORF ( NP\_005893, 120 a.a. - 221 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

VCVNPYHYQRVETPVLPPVLVPRHTEIPAEFPPLDDYS  
HSIPENTNFPAGIEPQSNIPETPPPGYLSEGETSDHQ  
MNHSM DAGSPNLSPNPMSPAHNLDL

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

**Theoretical MW (kDa):** 36.96

**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:** 4088

**Gene Symbol:** SMAD3

**Gene Alias:** DKFZp586N0721, DKFZp686J10186, HSPC193, HsT17436, JV15-2, MADH3, MGC60396

**Gene Summary:** The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma.

SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis. [provided by RefSeq]