



# 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

### MSX2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004488-P01

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

**Product Description:** Human MSX2 full-length ORF (AAH15509.1, 1 a.a. - 267 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MASPSKGNDLFSPDEEGPAVVAGPGPGGGAEGAAE  
ERRVKVSSLPFSVEALMSDKKPPKEASPLPAESASAG  
ATLRPLLLSGHGAREAHSPGPLVKPFETASVKSENSE  
DGAAWMQEPGRYSPPRHTSPTTCTLRKHKTNRKPR  
TPFTTSQLLALERKFRQKQYLSIAERAEFSSSLNLTETQ  
VKIWFQNRRAKAKRLQEALEKLMKMAAKPMLPSSFSL  
PFISSPLQAASIYGASYPFHRPVLPIPPVGLYATPVG  
VGY  
GMVHLS
```

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

**Theoretical MW (kDa):** 55

**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:** 4488

**Gene Symbol:** MSX2

**Gene Alias:** CRS2, FPP, HOX8, MSH, PFM, PFM1

**Gene Summary:** This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. [provided by RefSeq]