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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MSX1 (Human) Recombinant Protein (P01)

Catalog Number: H00004487-P01

Regulation Status: For research use only (RUO)

Product Description: Human MSX1 full-length ORF (AAH67353.1, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MTSLPLGVKVEDSAFGKPAAGGAGQAPSAAAATAAA  
MGADEEGAKPKVSPSLLPFSVEALMADHRKPGAKESA  
LAPSEGVQAAGGSAQPLGVPPGSLGAPDAPSSPRPL  
GHFSVGGLLKLPEDALVKAESPEKPERTPWMQSPRFS  
PPPARRLSPPACTLRKHKTNRKPRTPFTTAQLLALERK  
FRQKQYLSIAERAEFSSLSLTETQVKIWFQNRRAKAK  
RLQEALEKLKMAAKPMLPPAAFGLSFPLGGPAAVAA  
AAGASLYGASGPFQRAALPVAPVGLYTAHVGYSMYHL  
T
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 57.3

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: 4487

Gene Symbol: MSX1

Gene Alias: HOX7, HYD1

Gene Summary: This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschorn syndrome, and autosomal dominant hypodontia. [provided by RefSeq]