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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HOXA1 (Human) Recombinant Protein (P01)

Catalog Number: H00003198-P01

Regulation Status: For research use only (RUO)

Product Description: Human HOXA1 full-length ORF (AAH32547, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MDNARMNSFLEYPILSSGDSGTCSARAYPSDHRITTF
QSCAVSANSCGGDDRFLVGRGVQIGSPHHHHHHHHH
HPQPATYQTSGNLGVSYSHSSCGPSYGSQNFSA PYS
PYALNQEADVSGGYPQCAPAVYSGNLSSPMVQH HHH
HGGYAGGAVGSPQYIHHSYGQEHQSLALATYNN SLS
PLHASHQEACRSPASETSSPAQTFDWMKVKRNP PKT
GKVGEYGYLGQPNVVRTNFTTKQLTELEKEFHFN KYL
TRARRVEIAASLQLNETQVKIWFQNRMRMKQKKR EKEG
LLPISPATPPGNDEKAEESSEKSSSSPCVPSPGS STSD
TLTTS
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 62.48

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: 3198

Gene Symbol: HOXA1

Gene Alias: BSAS, HOX1, HOX1F, MGC45232

Gene Summary: In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during development. Two transcript variants encoding two different isoforms have been found for this gene, with only one of the isoforms containing the homeodomain region. [provided by RefSeq]