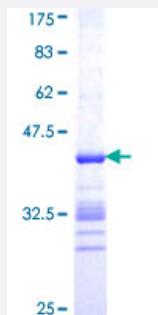


# HOXA6 (Human) Recombinant Protein (Q01)

Catalog # H00003203-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |  |
|--------------------------------------|--|
| <b>Product Description</b>           | Human HOXA6 partial ORF ( NP_076919, 31 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | GYDALRPFASYGASSLPDKTYTSPCFYQQSNSVLACNRASYEYGASCFYSDKDLSGASPSGSGKQRGPGDYLFHSPEQQYKPDSSSGQGKALHDEGADR      |
| <b>Host</b>                          | Wheat Germ (in vitro)  |
| <b>Theoretical MW (kDa)</b>          | 36.74  |
| <b>Interspecies Antigen Sequence</b> | Mouse (93); Rat (95)   |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>  |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow  |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.  |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                 |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.  |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HOXA6

Entrez GeneID [3203](#)

GeneBank Accession# [NM\\_024014](#)

Protein Accession# [NP\\_076919](#)

Gene Name HOXA6

Gene Alias HOX1, HOX1.2, HOX1B

Gene Description homeobox A6

Omim ID [142951](#)

Gene Ontology [Hyperlink](#)

**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. [provided by RefSeq]

**Other Designations** homeo box 1B|homeo box A6|homeobox protein HOXA6