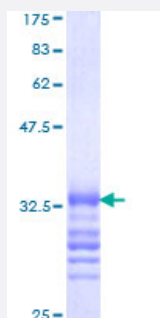


HOXA3 (Human) Recombinant Protein (Q01)

Catalog # H00003200-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HOXA3 partial ORF (NP_705895, 1 a.a. - 77 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQKATYYDSSAIYGGYPYQAANGFAYNANQQPYPASAALGADGEYHRPACSLQSPSSAGGHPKA HELSEACLRTLSA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.21
Interspecies Antigen Sequence	Mouse (90); Rat (87)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	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 — HOXA3

Entrez GeneID [3200](#)

GeneBank Accession# [NM_153631](#)

Protein Accession# [NP_705895](#)

Gene Name HOXA3

Gene Alias HOX1, HOX1E, MGC10155

Gene Description homeobox A3

Omim ID [142954](#)

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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations Hox-1.5-like protein|homeo box 1E|homeo box A3|homeobox protein HOX-A3