

Recombinant Human HOXA9 protein, T7/His-tagged

Cat. No. HOXA9-162H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human HoxA9 cDNA (272aa) protein fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| Form | 0.25 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol. |
| AA Sequence | MASMTGGQQMGRGHHHHHHGNLYFQGGEFATTGALGNYYVDSFLLGADADEL VGRYAPGTLGQPPRQAATLAE HPDFSPCSFQSKATVFGASWNPVHAAGANAVPAA VYHHHHHHHPYVHPQAPVAAAAPDGRYMRSWLEPTPGALSFA GLPSSRPYGIKPEP LSARRGDCPTLDTHLSLTDYACGSPVDREKQPSEGAFSENNAENESGGDKPPID PNNPA ANWLHARSTRKKRCPYTKHQTLLELEKEFLFNMYLTRDRRYEVARLLNLTER QVKIWFQNRMMKMKKINKDRAKDE |
| Purity | >90% by SDS-PAGE |
| Storage | Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days. |

GENE INFORMATION

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| Gene Name | HOXA9 homeobox A9 [Homo sapiens] |
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| Official Symbol | HOXA9 |
| Synonyms | HOXA9; homeobox A9; homeo box A9 , HOX1, HOX1G; homeobox protein Hox-A9; homeobox protein Hox-1G; homeodomain protein HOXA9; HOX1; ABD-B; HOX1G; HOX1.7; MGC1934; |
| Gene ID | 3205 |
| mRNA Refseq | NM_152739 |
| Protein Refseq | NP_689952 |
| MIM | 142956 |
| UniProt ID | P31269 |
| Chromosome Location | 7p15.2 |
| Pathway | TGF-beta Receptor Signaling Pathway, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem; |
| Function | protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; |

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