

## Recombinant Human HOXA1 protein, His-tagged

**Cat. No.** HOXA1-6949H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HOXA1 protein(P49639-1)(Met1-His335), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-His335
<b>Form</b>	Lyophilized from sterile 50mM Tris, 30% glycerol, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human HOXA1 consisting of 346 amino acids and has a calculated molecular mass of 38 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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**GENE INFORMATION**

<b>Gene Name</b>	HOXA1 homeobox A1 [ Homo sapiens ]
<b>Official Symbol</b>	HOXA1
<b>Synonyms</b>	HOXA1; homeobox A1; homeo box A1 , HOX1, HOX1F; homeobox protein Hox-A1; homeobox 1F; homeo box A1; lab-like protein; Hox 1.6-like protein; homeobox protein Hox-1F; HOX A1 homeodomain protein; BSAS; HOX1; HOX1F; MGC45232;
<b>Gene ID</b>	3198
<b>mRNA Refseq</b>	NM_005522
<b>Protein Refseq</b>	NP_005513
<b>MIM</b>	142955
<b>UniProt ID</b>	P49639

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