

Recombinant Human HOXA1 Protein, His-tagged

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

SPECIFICATION

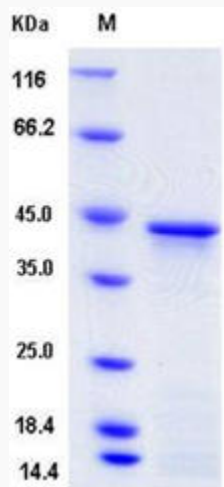
Product Overview	Recombinant Human HOXA1 Protein(P49639-1) (Met 1-His 335) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-335 aa
Form	Lyophilized from sterile 50mM Tris, 30% glycerol, pH 7.5.
Molecular Mass	The recombinant human HOXA1 consisting 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.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	HOXA1 homeobox A1 [Homo sapiens]
Official Symbol	HOXA1
Synonyms	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;
Gene ID	3198
mRNA Refseq	NM_005522
Protein Refseq	NP_005513
MIM	142955
UniProt ID	P49639
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left and a protein sample on the right. The markers are labeled with their respective molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein sample shows a single prominent band at approximately 45 kDa, which corresponds to the expected molecular weight of HOXA1.