

Recombinant Human HOXA13 Protein, N-His tagged

Cat. No. HOXA13-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOXA13 Protein with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	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. Expansion of a polyalanine tract in the encoded protein can cause hand-foot-uterus syndrome, also known as hand-foot-genital syndrome.
Molecular Mass	39 kDa
AA Sequence	HHHHHHMTASVLLHPRWIEPTVMFLYDNGGGLVADELNKNMEGAAAAAAAAAAAA AAGAGGGGFPHPAAAAAAGGNFSVAAAAAAAAAAAAANQCRNLMAHPAPLAPGAASA YSSAPGEAPPSAAAAAAAAAAAAAAAAAASSSGGPGPAGPAGAEAAKQCSPCSAA AQSSSGPAALPYGYFGSGYYPCARMGPHPNAIKSCAQPASAAAAAFADKYMDTA GPAAEEFSSRAKEFAFYHQGYAAGPYHHHQPMPGYLDMPVVPGLGGPGESRHEP LGLPMESYQPWALPNGWNGQMYCPKEQAQPPHLWKSTLPDVVSHPSDASSYRRG RKKRVPYTKVQLKELEREYATNKFITKDKRRRISATTNLSEKQVTIWFQNRVKEKK

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	VINKLKTTTS
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.3 mg/mL
Storage Buffer	PBS pH7.4, 0.1% SKL

GENE INFORMATION

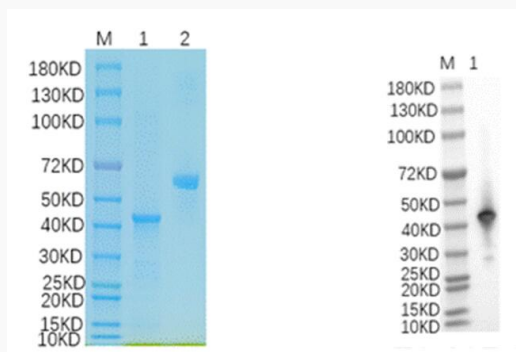
Gene Name	HOXA13 homeobox A13 [Homo sapiens (human)]
Official Symbol	HOXA13
Synonyms	HOXA13; homeobox A13; HOX1; HOX1J; homeobox protein Hox-A13; homeo box 1J; homeo box A13; homeobox protein HOXA13; homeobox protein Hox-1J; transcription factor HOXA13
Gene ID	3209
mRNA Refseq	NM_000522
Protein Refseq	NP_000513
MIM	142959
UniProt ID	Q6DI00

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**Reducing 12% SDS-
PAGE and WB
analysis profile of
purified HOXA13**



1. HOXA13
2. BSA

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