Recombinant Human HOXA13 Protein, GST-tagged

Cat. No. HOXA13-4942H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXA13 partial ORF (NP_000513, 208 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	DKYMDTAGPAAEEFSSRAKEFAFYHQGYAAGPYHHHQPMPGYLDMPVVPGLGGP GESRHEPLGLPMESYQPWALPNGWNGQMYCPKEQAQPPHLWKSTL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

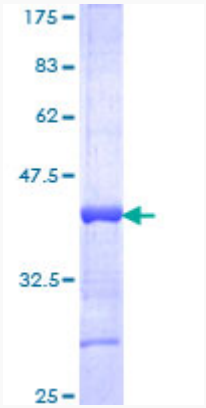
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HOXA13 homeobox A13 [Homo sapiens]
Official Symbol	HOXA13
Synonyms	HOXA13; homeobox A13; homeo box A13 , HOX1, HOX1J; homeobox protein Hox-A13; homeo box 1J; homeo box A13; homeobox protein HOXA13; homeobox protein Hox-1J; transcription factor HOXA13; HOX1; HOX1J;
Gene ID	3209
mRNA Refseq	NM_000522
Protein Refseq	NP_000513
MIM	142959
UniProt ID	P31271

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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