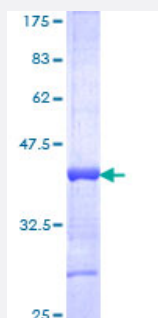


HOXA13 (Human) Recombinant Protein (Q01)

Catalog # H00003209-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HOXA13 partial ORF (NP_000513, 208 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DKYMDTAGPAAEEFSSRAKEFAFYHQGYAAGPYHHHQMPGYLDMPVVPGLGGPGESRHEPLGLPMESYQPWALPNGWNGQMYCPKEQAQPPHLWKSTL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HOXA13

Entrez GeneID [3209](#)

GeneBank Accession# [NM_000522](#)

Protein Accession# [NP_000513](#)

Gene Name HOXA13

Gene Alias HOX1, HOX1J

Gene Description homeobox A13

Omim ID [140000](#) [142959](#) [176305](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations homeo box 1J|homeo box A13|homeobox protein HOXA13|transcription factor HOXA13

Disease

- [Hirschsprung Disease](#)