

Product datasheet for **TP302939**

HOXA10 (NM_018951) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human homeobox A10 (HOXA10), transcript variant 1, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC202939 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MSCSESPAANSFLVDSLISGRGEAGGGGGGAGGGGGGGYAHGGVYLPPAADLPYGLQSCGLFPTLGGK
RNEAASPGSGGGGGGLGPGAHGYPSPIDLWLDAPRSCRMEPPDGPPPPPPQQPPPPPPQPPQAPQATSC
SFAQNIKEESSYCLYDSADKCPKVSATAAELAPFPRGPPPDGCALGTSSGVPVPGYFRLSQAYGTAKGYG
SGGGGAQQLGAGPFPAQPPGRGFDLPPALASGSADAARKERALDSPPPPTLACSGGGGSQGDEEAHASS
AAEELSPAPSESSKASPEKDSLGNKGENAANWLTAKSGRKKRCPYTKHQTLLELEKEFLFNMYLTRERRL
EISRSVHLTDRQVKIWFQNRMRMLKMKMNRENRIRELTANFNFS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 11.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_061824](#)

Locus ID: 3206



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UniProt ID: [P31260](#)

RefSeq Size: 2648

Cytogenetics: 7p15.2

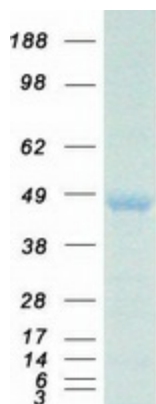
RefSeq ORF: 1179

Synonyms: HOX1; HOX1.8; HOX1H; PL

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 that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the downstream homeobox A9 (HOXA9) gene. [provided by RefSeq, Mar 2011]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HOXA10 protein (Cat# TP302939). The protein was produced from HEK293T cells transfected with HOXA10 cDNA clone (Cat# [RC202939]) using MegaTran 2.0 (Cat# [TT210002]).