

Product datasheet for **TP300559**

HOXA9 (NM_152739) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human homeobox A9 (HOXA9), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200559 representing NM_152739

Red=Cloning site **Green**=Tags(s)

MATTGALGNYYVDSFLLGADADEL SVGRYAPGTLGQPPRQAATLAEHPDFSPCSFQSKATVFGASWNPV
HAAGANAVPAAVYHHHHHPYVHPQAPVAAAAPDGRYMRSWLEPTPGALSFAGLPSSRPYGIKPEPLSAR
RGDCPTLDTHLSLTDYACGSPVDREKQPSEGAFSENNAENESGGDKPPIDPNNPAANWLHARSTRKKR
CPYTKHQ TLELEKEFLNMYLTRDRRYEVARLLNLTERQVKIWFQNRMMKMKKINKDRAKDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 30 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_689952](#)

Locus ID: 3205

UniProt ID: [P31269](#)



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RefSeq Size: 2076

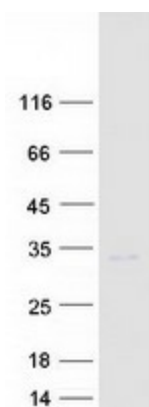
Cytogenetics: 7p15.2

RefSeq ORF: 816

Synonyms: ABD-B; HOX1; HOX1.7; HOX1G

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. This gene is highly similar to the abdominal-B (Abd-B) gene of *Drosophila*. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.[provided by RefSeq, Mar 2011]

Product images:



Coomassie blue staining of purified HOXA9 protein (Cat# TP300559). The protein was produced from HEK293T cells transfected with HOXA9 cDNA clone (Cat# [RC200559]) using MegaTran 2.0 (Cat# [TT210002]).