

Product datasheet for **TP306492L**

HOXD9 (NM_014213) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human homeobox D9 (HOXD9), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC206492 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSSSGTLSNYYVDSLIGHEGDEVFAARFGPPGPGAQGRPAGVADGPAATAAEFASCSFAPRSVFSASWS
AVPSQPPAAAAMSGLYHPYVPPPLAASASEPGRYVRSWMEPLPGFPGGAGGGGGGGGGPGRVPALAPA
AQPTGCHYGIKPETRAAPAPATAASTSSSSTLSSSSKRTECSVARESQGSSGPEFSCNSFLQEAAAA
TGGTGPAGIGAATGTGGSSEPSACSDHIPGCSLKEEEKQHSQPQQQLDPNPAANWIHARSTRKKRC
PYTKYQTLELEKEFLNMYLTRDRRYEVARILNLTERQVKIWFQNRMMKMKMSKEKCPKGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	35.3 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:	<u>NP_055028</u>
Locus ID:	3235



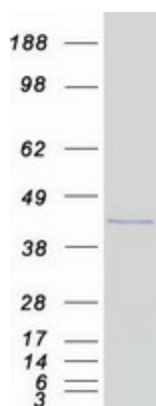
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UniProt ID: [P28356](#)
RefSeq Size: 1902
Cytogenetics: 2q31.1
RefSeq ORF: 1026
Synonyms: Hox-4.3; Hox-5.2; HOX4; HOX4C

Summary: This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The exact role of this gene has not been determined. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HOXD9 protein (Cat# [TP306492]). The protein was produced from HEK293T cells transfected with HOXD9 cDNA clone (Cat# [RC206492]) using MegaTran 2.0 (Cat# [TT210002]).