

Recombinant Human HOXC9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HOXC9-1973H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HOXC9 MS Standard C13 and N15-labeled recombinant protein (NP_008828) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12.
Molecular Mass	29.2 kDa
AA Sequence	MSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAAARPSGLVPDCSDFPSCSFAP KPAVFSTSWAPVPSQSSVYHPYGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAG GRHYALKPDAYPGRRADCGPGEGRSYPDYMVGSPGELRDRAPQTLPSPEADALA GSKHKEEKADLDPSNPVANWIHARSTRKKRCPTYTKYQTLELEKEFLFNMYLTRDRR YEVARVLNLTERQVKIWFQNRMMKMKMNKEKTDKEQSTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HOXC9 homeobox C9 [Homo sapiens (human)]
Official Symbol	HOXC9
Synonyms	HOXC9; homeobox C9; homeo box C9, HOX3, HOX3B; homeobox protein Hox-C9; homeo box C9; homeobox protein Hox-3B; HOX3; HOX3B;
Gene ID	3225
mRNA Refseq	NM_006897
Protein Refseq	NP_008828
MIM	142971
UniProt ID	P31274

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