

OriGene Technologies, Inc.

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Product datasheet for PH308833

HOXC9 (NM_006897) Human Mass Spec Standard

Product data:

Description:HOXC9 MS Standard C13 and N15-labeled recombinant protein (NP_008828)Species:HumanExpression Host:HEK293Expression cDNA Clome or AA Sequence:RC208833Predicted MW:9.2 kDaProtein Sequence:SRC208833 protein sequence Red=Cloning site Green=Tags(s)MSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAARPSGLVPDCSDFPSCSFAPKPAVFSTSWAPVP SQSSVVHPYCGPOPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGRRADCGPGEGRSYPD JWYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE FLFNMLTRDRRYEVARVLNLTERQVKIWFQNRRMKKKMNKKENTDKEQS
Expression Host:HEK293Expression cDNA Clone or AA Sequence:RC208833Predicted MW:29.2 kDaProtein Sequence:>RC208833 protein sequence Red=Cloning site Green=Tags(s)MSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAAARPSGLVPDCSDFPSCSFAPKPAVFSTSWAPVP SQSSVVHPPGGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGGRADCGPGEGGRSYPD YMYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE
Expression cDNA Clone or AA Sequence:RC208833Predicted MW:29.2 kDaProtein Sequence:>RC208833 protein sequence Red=Cloning site Green=Tags(s)WSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAAARPSGLVPDCSDFPSCSFAPKPAVFSTSWAPVP SQSSVVYHPYGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGRRADCGPGEGRSYPD YMYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE
or AA Sequence: Predicted MW: 29.2 kDa Protein Sequence: >RC208833 protein sequence Red=Cloning site Green=Tags(s) MSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAAARPSGLVPDCSDFPSCSFAPKPAVFSTSWAPVP SQSSVVYHPYGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGRRADCGPGEGRSYPD YMYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE
Protein Sequence: >RC208833 protein sequence Red=Cloning site Green=Tags(s) MSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAAARPSGLVPDCSDFPSCSFAPKPAVFSTSWAPVP SQSSVVYHPYGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGRRADCGPGEGRSYPD YMYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE
Red=Cloning site Green=Tags(s) MSATGPISNYYVDSLISHDNEDLLASRFPATGAHPAAARPSGLVPDCSDFPSCSFAPKPAVFSTSWAPVP SQSSVVYHPYGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGRRADCGPGEGRSYPD YMYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE
SQSSVVYHPYGPQPHLGADTRYMRTWLEPLSGAVSFPSFPAGGRHYALKPDAYPGRRADCGPGEGRSYPD YMYGSPGELRDRAPQTLPSPEADALAGSKHKEEKADLDPSNPVANWIHARSTRKKRCPYTKYQTLELEKE
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag: C-Myc/DDK
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration: >0.05 μg/μL as determined by microplate BCA method
Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3
Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq: <u>NP 008828</u>
RefSeq Size: 1640
RefSeq ORF:780
Synonyms: HOX3; HOX3B
Locus ID: 3225
UniProt ID: <u>P31274</u> , <u>A0A024RAZ6</u>



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	DXC9 (NM_006897) Human Mass Spec Standard – PH308833	
Cytogenetics:	12q13.13	
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, 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. [provided by RefSeq, Jul 2008]	
Protein Families	: Transcription Factors	

Product images:

116 —	-
66 —	-
45 -	-
35 —	
25 -	-
18 —	-
14 -	-

Coomassie blue staining of purified HOXC9 protein (Cat# [TP308833]). The protein was produced from HEK293T cells transfected with HOXC9 cDNA clone (Cat# [RC208833]) using MegaTran 2.0 (Cat# [TT210002]).

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