

Product datasheet for PH310106

MOX1 (MEOX1) (NM_004527) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MEOX1 MS Standard C13 and N15-labeled recombinant protein (NP_004518)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210106
Predicted MW:	28 kDa
Protein Sequence:	>RC210106 protein sequence Red =Cloning site Green =Tags(s) MDPAASSCMRSLQPPAPVWGCLRNPHEGNGASGLPHYPTPF SFHQKPDFLATATAAYPDFSASCLAAT PHSLPQEEHIFTEQHPAFPQSPNWHFPVSDARRRPNSGPAGGSKEMGTSSLGLVDTTGGPGDDYGVLGST ANETEKSSRRRKESSDNQENRGKPEGSSKARKERTAFTKEQLRELEAEFAHNNYLTRLRRYEIAVNLDL SERQVKVWFQNRMRKWKRVKGGQPI SPNGQDPEDGDSTASPSSE TR TRPLEQ KL ISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	NP_004518
RefSeq Size:	2330
RefSeq ORF:	762
Synonyms:	KFS2; MOX1
Locus ID:	4222
UniProt ID:	P50221



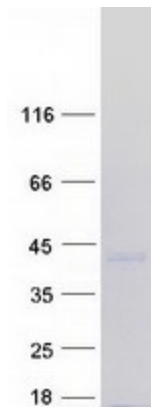
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Cytogenetics: 17q21.31

Summary: This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the molecular signaling network regulating somite development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified MEOX1 protein (Cat# [TP310106]). The protein was produced from HEK293T cells transfected with MEOX1 cDNA clone (Cat# [RC210106]) using MegaTran 2.0 (Cat# [TT210002]).