

Product datasheet for PH322807

MEIS2 (NM_170677) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MEIS2 MS Standard C13 and N15-labeled recombinant protein (NP_733777)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222807
Predicted MW:	43.6 kDa
Protein Sequence:	>RC222807 representing NM_170677 Red=Cloning site Green=Tags(s)

MAQRYDELPHYGGMDGVGPASMYGDPHAPRPIPPVHHLNHGPPLHATQHYGAHAPHNPVMPASMGSAVN
DALKRDKDAIYGHPLFPLLALVFEKCELATCTPREPGVAGGDVCSDFSFNEDIAVFAKQVRAEKPLFSSN
PELDNLMIQAIQVLRFHLLLEKVELCDNFCHRYISCLKGKMPIDLVIDERDGSKSDHEELSGSSTNL
ADHNPSSWRDHDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDPKDKKRQKKR
GIFPKVATNIMRAWLFQHLTHYPSEEQKKQLAQDTGLTILQVNNWFINARRRIVQPMIDQSNRAGFLLD
PSVSQGAAYSPEGQPMGSFVLDGQQHMGIRPAGPMSGMGMNMGMDGQWHYM

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	<u>NP_733777</u>
RefSeq Size:	3721
RefSeq ORF:	1203
Synonyms:	CPCMR; HsT18361; MRG1
Locus ID:	4212



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UniProt ID: [O14770](#), [B3KPD8](#)

Cytogenetics: 15q14

Summary: This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcription regulators, and several members have been shown to be essential contributors to developmental programs. Multiple transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified MEIS2 protein (Cat# [TP322807]). The protein was produced from HEK293T cells transfected with MEIS2 cDNA clone (Cat# [RC222807]) using MegaTran 2.0 (Cat# [TT210002]).