

## Product datasheet for PH312606

### MNX1 (NM\_005515) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MNX1 MS Standard C13 and N15-labeled recombinant protein (NP_005506)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212606
Predicted MW:	40.57 kDa
Protein Sequence:	>RC212606 representing NM_005515 Red=Cloning site Green=Tags(s)  MEKSKNFRIDALLAVDPPRAASQSAPLALVTSLAAAASGTGGGGGGGASGGTSGSCSPASSEPPAAPA DRLRAESPPRLLAAHCALLPKPGFLGAGGGGGTGGGHGGPHHHAHPGAAAAAAAAAAAAAGGLALG LHPGGAQGGAGLPAQAALYGHVYGYSAALAGQHPALSYYPVQGAHPADPDKLGGAGTFQL DQWLRASLAGMILPKMPDFNSQAQSNLLGKCRPRPTAFTSQQLLEHQFKLNKYL SRPKRFEVATSLML TETQVKIWFQNRMRKWKRSKAKEQAAQEAQKGGGGGAGKGGAEPEGAELLGPPAPGDKGSGRRLRD LRDSDPEEDEDEDEDHFPYSNGASVHAASSDCSEDDSPPPRPSHPAPQ  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_005506</u>
RefSeq Size:	2176
RefSeq ORF:	1203
Synonyms:	HB9; HLXB9; HOXHB9; SCRA1
Locus ID:	3110



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UniProt ID: [P50219](#)

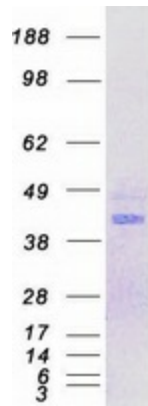
Cytogenetics: 7q36.3

Summary: This gene encodes a nuclear protein, which contains a homeobox domain and is a transcription factor. Mutations in this gene result in Currarino syndrome, an autosomic dominant congenital malformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

Protein Pathways: Maturity onset diabetes of the young

### Product images:



Coomassie blue staining of purified MNX1 protein (Cat# [TP312606]). The protein was produced from HEK293T cells transfected with MNX1 cDNA clone (Cat# [RC212606]) using MegaTran 2.0 (Cat# [TT210002]).