

## Product datasheet for PH308321

### ZHX2 (NM\_014943) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ZHX2 MS Standard C13 and N15-labeled recombinant protein (NP_055758)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208321
Predicted MW:	92.3 kDa
Protein Sequence:	>RC208321 protein sequence Red=Cloning site Green=Tags(s)

MASKRKSTTPCMVRTSQVVEQDVPVEVDRAKEKIGITPQPDVAKDSWAAELENSSKENEVIEVKSMGESQ  
SKKLQGGYECKYCPYSTQNLNEFTEHVDQMHPNVILNPLYVCAECNFTTKKYDSLSDHNSKFHPGEANFK  
LKLIKRNNQTVLEQSIETTTHVVSITTSVSGPTGSDSGISVSKTPIMKPGKPKADAKKVPKPKPEEITPEN  
HVEGTARLVTDTAEILSRLGGVELLQDTLGHVMPSVQLPPNINLVKVPVPLNTTKYNSALDTNATMINS  
FNKFPYPTQAEISWLTAASKHPEEHIRIWFATQRLKHGISWSPEEVEEARKKMFNGTIQSVPTITVLP  
QLAPTQVTPILQALPCQILGQTSVLVLTQVTSVSGTTVSCSPITLAVAGVTNHGQKRPLVTPQAAPEPKR  
PHIAQVPEPPPKVANPPLTPASDRKKTKEQIAHLKASFLQSQFPDDAEVYRLIEVTGLARSEIKKWFSDH  
RYRCQRGIVHITSESLAKDQLAIAASRHGRTHAYPDFAPQKFKKTKQGGVQKILEDSFLKSFPTQAE  
RLRVETKLSRREIDSWFSERRKLRDSMEQAVLDSMGSGKQDVGAPNGALSRLDQLSGAQLTSSLPS  
PAIAKSQEQVHLLRSTFARTQWPTQEQYDQLAAKTGLVRTEIVRWFKENRCLLKTGTVKWMEQYQHQP  
MADDHGYDAVARKATKPMAESPKNGGDDVVPQYKDPKCLCEEDLEKLVTRVKVVGSEPAKDCLPKAPSEATSD  
RSEGSRRDQGGSDENEESVVDYVEVTVGEEAIDSRSDSWSQAAAEGVSELAESDSDCVPAEAGQA

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- <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:	<a href="#">NP_055758</a>



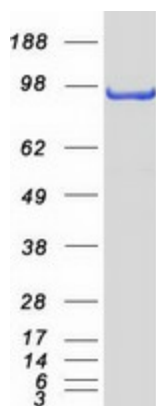
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RefSeq Size: 4373  
RefSeq ORF: 2511  
Synonyms: AFR1; RAF  
Locus ID: 22882  
UniProt ID: [Q9Y6X8](#)  
Cytogenetics: 8q24.13

**Summary:** The members of the zinc fingers and homeoboxes gene family are nuclear homodimeric transcriptional repressors that interact with the A subunit of nuclear factor-Y (NF-YA) and contain two C2H2-type zinc fingers and five homeobox DNA-binding domains. This gene encodes member 2 of this gene family. In addition to forming homodimers, this protein heterodimerizes with member 1 of the zinc fingers and homeoboxes family. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified ZHX2 protein (Cat# [TP308321]). The protein was produced from HEK293T cells transfected with ZHX2 cDNA clone (Cat# [RC208321]) using MegaTran 2.0 (Cat# [TT210002]).