

Recombinant Human ZHX2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ZHX2-1498H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZHX2 MS Standard C13 and N15-labeled recombinant protein (NP_055758) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	92.3 kDa
AA Sequence	MASKRKSTTPCMVRTSQVVEQDVPEEVDRAKEKGIGTPQPDVAKDSWAAELENSS KENEVIEVKSMGESQSKKLQGGYECKYCPYSTQNLNEFTEHVDMQHNPVILNPLYV CAECNFTTKKYDSLSDHNSKFHPGEANFKLKLKRNNQTVLEQSIETTNNHVVSITTSG PGTGDSDSGISVSKTPIMKPGKPKADAKKVPKKPEEITPENHVEGTARLVTDTAELS RLGGVELLQDTLGHVMPSVQLPPNINLVKVPVPLNTTKYNSALDTNATMINSFNKF PYPTQAELSWLTAASKHPEEHIRIWFATQRLKHGISWSPEEVEEARKKMFNGTIQSV PPTITVLPAQLAPTKVTQPILQTALPCQILGQTSVLVTQVTSGSTTVSCSPITLAVAGVT

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NHGQKRPLVTPQAAPEPKRPHIAQVPEPPPKVANPPLTPASDRKKTKEQIAHLKASF
 LQSQFPDDAEVYRLIEVTGLARSEIKKWFS DHRYRCQRGIVHITSESLAKDQLAIAAS
 RHGRTYHAYPDFAPQKFKEKTQGQVKILEDSFLKSSFPTQAELDRLRVETKLSRREI
 DSWFSERRKL RDSMEQAVLDSMGSGKKGQDVGAPNGALSRLDQLSGAQLTSSLP
 SPSPAIAKSQEQVHLLRSTFARTQWPTPQEYDQLAAKTGLVRTEIVRWFKENRCLLK
 TGTVKWMEQYQHQPMADDHGYDAVARKATKPM AESPKNGGDVVPQYYKDPKKLC
 EEDLEKL VTRVKVGSEPAKDCLPAKPSEATSDRSEGSSRDGQGS DENEESSVVDY
 VEVTVGEEDAISDRSDSWSQAAAEGVSELAESDSDCVP AEAGQATRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ZHX2 zinc fingers and homeoboxes 2 [Homo sapiens (human)]

Official Symbol ZHX2

Synonyms ZHX2; zinc fingers and homeoboxes 2; zinc fingers and homeoboxes protein 2; KIAA0854; AFP regulator 1; regulator of AFP; transcription factor ZHX2; alpha-fetoprotein regulator 1; zinc-fingers and homeoboxes 2; zinc finger and homeodomain protein 2; RAF; AFR1;

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Gene ID	22882
mRNA Refseq	NM_014943
Protein Refseq	NP_055758
MIM	609185
UniProt ID	Q9Y6X8
SDS-PAGE	