

## Product datasheet for **TP318751M**

### ZHX3 (NM\_015035) Human Recombinant Protein

#### Product data:

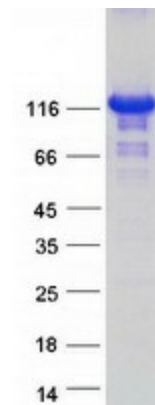
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|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human zinc fingers and homeoboxes 3 (ZHX3), 100 µg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC218751 representing NM_015035<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <p>MASKRKSTTPCMIPVKTVWLQDASMEAQPAETLPEGPQQDLPEEASAASSEAAQNPSSTDGSTLANGHRS<br/>TLDGYLYSCKYCDFRSHDMTQFVGHMNSEHTDFNKDPTFVCSGCSFLAKTPEGLSLHNATCHSGEASFVW<br/>NVAKPDNHVWVEQSIPESTSTPDLAGEPSAEGADGQAEIITKTPIMKIMKGKAEAKKIHTLKENVPSQP<br/>VGEALPKLSTGEMEVREGDHSFINGAVPVSQASASSAKNPHAANGPLIGTVPVLPAGIAQFLSLQQQPPV<br/>HAQHVVHQLPLTAKALPKVMIPLSSIPTYNAAMDNSFLKNSFHKFPYPTKAELCYLTVVTKYPEEQLKI<br/>WFTAQRLKQGISWSPEEIEDARKKMFNTVIQSVQPQTITVLNTPLVASAGNVQHLIQAALPGHVWGQPEG<br/>TGGGLLVTQPLMANGLQATSSPLPLTVTSVPKQPGVAPINTVCSNTTSAVKVWNAAQSLLTACPSITSQA<br/>FLDASIYKNNKSHEQLSALKGSFCRNQFPGQSEVEHLTKVTGLSTREVRKWFSDRRYHCRNLKGSRAMIP<br/>GDHSSIIIDSVPVFSFSPSSKVPEVTCIPTTATLATHPSAKRQSWHQTPDFTPKYKERAPEQLRALESS<br/>FAQNPLPLDEELDRLRSETKMTRREIDSWFSERRKKVNAEETKKAENASQEEEEAAEDEGGEDLASEL<br/>RVSGENGSLPSSHILAERKVSPKINLKNLRVTEANGRNEIPGLGACDPEDDESINKLAEQLPGKVSK<br/>KTAQQRHLLRQLFVQTQWPSNQDYDSIMAQTGLPRPEVWRWFGDSRYALKNGQLKWYEDYKRGNFPPGLL<br/>VIAPGNRELLQDYMMTHKMLYEEDLQNLCDKTQMSSQVVKQWFAEKMGEEETRAVADTGSEDQGPGTGELT<br/>AVHKMGMDTYSEVSENSESWEPVPEASSEPFDTSSPQAGRQLETD</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 104.5 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |



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|--------------------------|--|
| <b>Note:</b>             | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| <b>Storage:</b>          | Store at -80°C.  |
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>RefSeq:</b>           | <a href="#">NP_055850</a>  |
| <b>Locus ID:</b>         | 23051  |
| <b>UniProt ID:</b>       | <a href="#">Q9H4I2</a>   |
| <b>RefSeq Size:</b>      | 10007  |
| <b>Cytogenetics:</b>     | 20q12  |
| <b>RefSeq ORF:</b>       | 2868   |
| <b>Synonyms:</b>         | TIX1   |
| <b>Summary:</b>          | This gene encodes a member of the zinc fingers and homeoboxes (ZHX) gene family. The encoded protein contains two C2H2-type zinc fingers and five homeodomains and forms a dimer with itself or with zinc fingers and homeoboxes family member 1. In the nucleus, the dimerized protein interacts with the A subunit of the ubiquitous transcription factor nuclear factor-Y and may function as a transcriptional repressor. [provided by RefSeq, Jul 2008] |
| <b>Protein Families:</b> | Transcription Factors  |

### Product images:



Coomassie blue staining of purified ZHX3 protein (Cat# [TP318751]). The protein was produced from HEK293T cells transfected with ZHX3 cDNA clone (Cat# [RC218751]) using MegaTran 2.0 (Cat# [TT210002]).