

## Recombinant Human ZMAT3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ZMAT3-884H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ZMAT3 MS Standard C13 and N15-labeled recombinant protein (NP_071915) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | This gene encodes a protein containing three zinc finger domains and a nuclear localization signal. The mRNA and the protein of this gene are upregulated by wildtype p53 and overexpression of this gene inhibits tumor cell growth, suggesting that this gene may have a role in the p53-dependent growth regulatory pathway. Alternative splicing of this gene results in two transcript variants encoding two isoforms differing in only one amino acid. |
| <b>Molecular Mass</b>   | 32.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MILLQHAVLPPPKQPSPSPMSVATRSTGTLQLPPQKPFQGEASLPLAGEEELSKG<br>GEQDCALEELCKPLYCKLCNVTLNSAQQAQAHYQGKNHGKLRNYYAANSCPPPA<br>RMSNVVEPAATPVVPVPPQMGSFKPGGRVILATENDYCKLCDASFSSPAVAQAHYQ<br>GKNHAKRLRLAEAQSNFSSELGQRRARKEGNEFKMMPNRRNMYTVQNNSAG<br>PYFNPRSRQRIPRDLAMCVTPSGQFYCSMCNVGAGEEMEFRQHLESKQHKSKVSE<br>QRYRNEMENLG YVTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                  |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

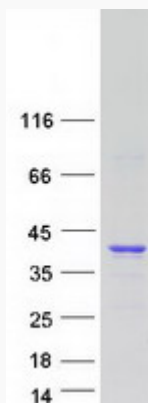
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ZMAT3 zinc finger matrin-type 3 [ Homo sapiens (human) ]                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | ZMAT3                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | ZMAT3; zinc finger, matrin-type 3; zinc finger matrin-type protein 3; FLJ12296; MGC10613; PAG608; WIG 1; WIG1; WIG-1/PAG608 protein; zinc finger protein WIG1; zinc finger protein WIG-1; zinc finger, matrin type 3; p53 target zinc finger protein; p53-activated gene 608 protein; WIG-1; FLJ31683; |
| <b>Gene ID</b>         | 64393                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_022470                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_071915                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>             | 606452                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q9HA38                                                                                                                                                                                                                                                                                                 |

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**SDS-PAGE**

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