

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

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

SPECIFICATION

Product Overview	ZMAT3 MS Standard C13 and N15-labeled recombinant protein (NP_071915) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	32.1 kDa
AA Sequence	MILLQHAVLPPPKQPSPSPMSVATRSTGTLQLPPQKPFQGEASLPLAGEEELSKG GEQDCALEELCKPLYCKLCNVTLNSAQQAQAHYQGKNHGKLRNYYAANSCPPPA RMSNVVEPAATPVVPVPPQMGSFKPGGRVILATENDYCKLCDASFSSPAVAQAHYQ GKNHAKRLRLAEAQSNFSSELGQRRARKEGNEFKMMPNRRNMYTVQNNSAG PYFNPRSRQRIPRDLAMCVTPSGQFYCSMCNVGAGEEMEFRQHLESKQHKSKVSE QRYRNEMENLG YVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

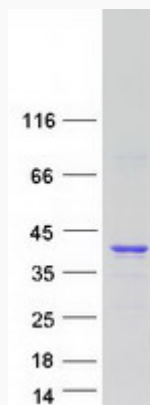
GENE INFORMATION

Gene Name	ZMAT3 zinc finger matrin-type 3 [Homo sapiens (human)]
Official Symbol	ZMAT3
Synonyms	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;
Gene ID	64393
mRNA Refseq	NM_022470
Protein Refseq	NP_071915
MIM	606452
UniProt ID	Q9HA38

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SDS-PAGE

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