

Product datasheet for PH302508

PAG608 (ZMAT3) (NM_022470) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZMAT3 MS Standard C13 and N15-labeled recombinant protein (NP_071915)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202508
Predicted MW:	32.1 kDa
Protein Sequence:	>RC202508 protein sequence Red=Cloning site Green=Tags(s) MILLQHAVLPPPKQPSPSPMSVATRSTGTLQLPPQKPFQGEASLPLAGEEELSKGGEQDCALEELCKPL YCKLCNVTLNSAQQAQAHYQGKNGKLRNYAAANSCPPPARMSNVVEPAATPVVPPVPPQMGSFKPGGRV ILATENDYCKLCDASFSSPAVAQAHYQGKNHAKRLRLAEAQSNSESELGQRRARKEGNEFKMMPNRR NMYTVQNNAGPYFNPRSRQRIIPRDLAMCVTPSGQFYCSMCNVGAGEEMEFRQHLESKQHKSKVSEQRYR NEMENLGYV 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_071915</u>
RefSeq Size:	8995
RefSeq ORF:	867
Synonyms:	PAG608; WIG-1; WIG1
Locus ID:	64393



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UniProt ID: [Q9HA38](#)

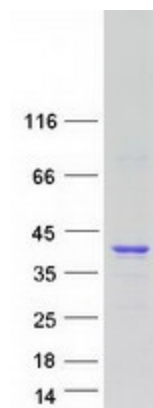
Cytogenetics: 3q26.32

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: p53 signaling pathway

Product images:



Coomassie blue staining of purified ZMAT3 protein (Cat# [TP302508]). The protein was produced from HEK293T cells transfected with ZMAT3 cDNA clone (Cat# [RC202508]) using MegaTran 2.0 (Cat# [TT210002]).