

Recombinant human ZMAT3 protein

Catalog Number: ATGP2252

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-289aa

UniProt No.

Q9HA38

NCBI Accession No.

NP_071915.1

Alternative Names

Zinc finger matrin-type protein 3, PAG608, WIG-1, WIG1

PRODUCT SPECIFICATION

Molecular Weight

34.4 kDa (312aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ZMAT3 is 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. Recombinant human ZMAT3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MILLQHA VLPPPKQPSP SPPMSVATRS TGTLQLPPQK PFGQEASLPL
AGEEELSKGG EQDCALEELC KPLYCKLCNV TLNSAQQAAQ HYQGKNHGKK LRNYAANSC PPPARMSNVV EPAATPVVVPV
PPQMGSFKPG GRVILATEND YCKLCDASF S SPAVAQAHYQ GKNHAKRLRL AEAQSNSFSE SSELGQRRAR KEGNEFKMMP
NRRNMYTVQN NSAGPYFNPR SRQRIPDLA MCVTPSGQFY CSMCNVGAGE EMEFRQHLES KQHKSQVSEQ
RYRNEMENLG YV

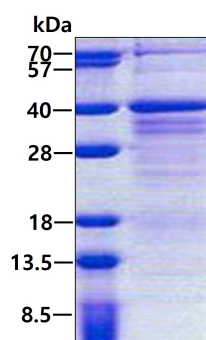
General References

Hellborg F., et al. (2001) Oncogene. 20:5466-5474

Mendez Vidal C., et al. (2006) FEBS Lett. 580:4401-4408

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.