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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ZNF278 (Human) Recombinant Protein (P01)

Catalog Number: H00023598-P01

Regulation Status: For research use only (RUO)

Product Description: Human ZNF278 full-length ORF (NP_114440.1, 1 a.a. - 537 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MERVNDASCGPSGICYTYQVSRHSTEMLHNLNQQRK
NGGRFCDVLLRVGDESFPRAHRAVLAACSEYFESVFSA
QLGDGGAADGGPADVGGATAAPGGGAGGSRELEMH
TISSKVFGDILDFAFYSRIVRLESFPELMTAAKFLLMR
SVIEICQEVIKQSNVQILVPPARADIMLFRPPGTSDLGF
PLDMTNGAALAANSNGIAGSMQPEEEAARAAGAAIAG
QASLPVLPGVDRPLPMVAGPLSPQLLTSPFPSVASSAP
PLTGKRGRGRPRKANLLDSMFGSPGGLREAGILPCGL
CGKVFTDANRLRQHEAQHGVTSLQLGYIDLPPRLGE
NGLPISEDPDGPRKRSRTRKQVACEICGKIFRDVYHLN
RHKLSHSGEKPYSCPVCGLRFKRKDRMSYHVRSHDG
SVGKPYICQSCGKGFSPDHLNGHIKQVHTSERPHKC
QWVWGSSSGLPPELPLPSDLPSWDFALWRSSHS
VPDTAFSLSLKKSFPALENLGAHSSNTLFCPAPPGYL
RQGWTTPEGSRAFTQWPVG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84

Interspecies Antigen Sequence: Mouse (98); Rat (99)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 23598

Gene Symbol: PATZ1

Gene Alias: MAZR, PATZ, RIAZ, ZBTB19, ZNF278, ZSG, dJ400N23

Gene Summary: The protein encoded by this gene contains an A-T hook DNA binding motif which usually binds to other DNA binding structures to play an important role in chromatin modeling and transcription regulation. Its Poz domain is thought to function as a site for protein-protein interaction and is required for transcriptional repression, and the zinc-fingers comprise the DNA binding domain. Since the encoded protein has typical features of a transcription factor, it is postulated to be a repressor of gene expression. In small round cell sarcoma, this gene is fused to EWS by a small inversion of 22q, then the hybrid is thought to be translocated (t(1;22)(p36.1;q12). The rearrangement of chromosome 22 involves intron 8 of EWS and exon 1 of this gene creating a chimeric sequence containing the transactivation domain of EWS fused to zinc finger domain of this protein. This is a distinct example of an intra-chromosomal rearrangement of chromosome 22. Four alternatively spliced transcript variants are described for this gene. [provided by RefSeq]