

Recombinant Human DAZAP1 Protein, GST-tagged

Cat. No. DAZAP1-2357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAZAP1 full-length ORF (NP_061832.2, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	In mammals, the Y chromosome directs the development of the testes and plays an important role in spermatogenesis. A high percentage of infertile men have deletions that map to regions of the Y chromosome. The DAZ (deleted in azoospermia) gene cluster maps to the AZFc region of the Y chromosome and is deleted in many azoospermic and severely oligospermic men. It is thought that the DAZ gene cluster arose from the transposition, amplification, and pruning of the ancestral autosomal gene DAZL also involved in germ cell development and gametogenesis. This gene encodes a RNA-binding protein with two RNP motifs that was originally identified by its interaction with the infertility factors DAZ and DAZL. Two isoforms are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	69.8 kDa
AA Sequence	MNNSGADEIGKLFVGGLDWSTTQETLSYFSQYGEVDCVIMKDKTTNQSRGFGFV KFKDPNCVGTVLASRPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPRSDNSK SNKIFVGGIPHNCGETELREYFKKFGVVTEVVMYDAEKQRPRGFGFITFEDEQSVD QAVNMHFHDIMGKKVEVKRAEPRDSKSQAPGQPGASQWGSRVVPNAANGWAGQ

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PPPTWQQGYGPQGMWVPAGQAIGGYGPPPPAGRGAPPPPPFTSYIVSTPPGGFP
 PPQGFPQGYGAPPQFSFGYGPPPPPPDQFAPPGVPPPPATPGAAPLAFFPPPSQA
 APDMSKPPTAQPDFPYGQYAGYGQDLGFGQGFSQPSQPPSYGGPSVPGSGGP
 PAGGSGFGRGQNHNVQGFHPYRR

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name [DAZAP1 DAZ associated protein 1 \[Homo sapiens \]](#)

Official Symbol [DAZAP1](#)

Synonyms DAZAP1; DAZ associated protein 1; DAZ-associated protein 1; deleted in azoospermia associated protein 1; MGC19907; deleted in azoospermia-associated protein 1;

Gene ID [26528](#)

mRNA Refseq [NM_018959](#)

Protein Refseq [NP_061832](#)

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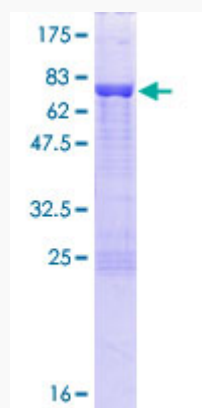
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MIM 607430

UniProt ID Q96EP5

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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