

## Product datasheet for **TP304091M**

### DAZAP1 (NM\_018959) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DAZ associated protein 1 (DAZAP1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204091 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNNSGADEIGKLFVGGLDWSTTQETLRSYFSQYGEVDCVIMKDKTTNQRSRGFGFVKFKDPNCVGTVLAS RPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPRSDNSKSNKIFVGGIPHNCGETELREYFKKFGWV EVMIYDAEKQRPRGFGFITFEDEQSVDQAVNMHFHDIMGKKVEVKRAEPRDSKSQAPGQPGASQWGSRV VPNAANGWAGQPPPTWQQGYGPQGMWVPAGQAIGGYGPPPAGRGAPPPPPFTSYIVSTPPGGFPPPQGF PQGYGAPPQFSFGYGGPPPPPDQFAPPGVPPPATPGAAPLAFPPPPPSQAAPDMSKPPTAQPDPFYGQYA GYGQDLSGFGQGFSFPSQPPSYGGPSVPGSGPPAGGSGFGRGQNHNVQGFHPYRR
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	43.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_061832</a>
Locus ID:	26528



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UniProt ID: [Q96EP5](#), [A0A0S2Z569](#)

RefSeq Size: 2215

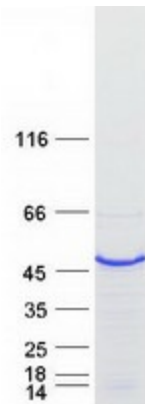
Cytogenetics: 19p13.3

RefSeq ORF: 1221

**Summary:** 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]

**Protein Families:** Stem cell - Pluripotency

### Product images:



Coomassie blue staining of purified DAZAP1 protein (Cat# [TP304091]). The protein was produced from HEK293T cells transfected with DAZAP1 cDNA clone (Cat# [RC204091]) using MegaTran 2.0 (Cat# [TT210002]).