

Recombinant Full Length Human DAZAP1 Protein, C-Flag-tagged

Cat. No. DAZAP1-1698HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DAZAP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	43.2 kDa
AA Sequence	MNNSGADEIGKLFVGGLDWSTTQETLRSYFSQYGEVVDVCVIMKDKTTNQSRGFGFV KFKDPNCVGTVLAS RPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPRSDNS

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KSNKIFVGGIPHNCGETELREYFKKFGVVT EVVMIYDAEKQRPRGFGFITFEDEQSV
DQAVNMHFHDIMGKKVEVKRAEPRDSKSQAPGQPGASQWGSRV VPNAANGWAG
QPPPTWQQGYGPQGMWVPAGQAIGGYGPPPAGRGAPPPPPFTSYIVSTPPGGF
PPPQGF PQGYGAPPQFSFGYGPPPPPDQFAPPGVPPPPATPGAAPLAFPPPPSQ
AAPDMSKPPTAQPDFPYGQYA
GYGQDLSGFGQGFSQPPSYGGPSVPGSGGPPAGGSGFGRGQNHNVQGFH
PYRRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Stem cell - Pluripotency
Full Length	Full L.

GENE INFORMATION

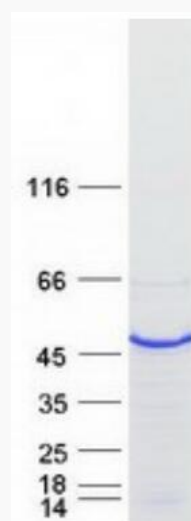
Gene Name	DAZAP1 DAZ associated protein 1 [Homo sapiens (human)]
Official Symbol	DAZAP1
Synonyms	MGC19907

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Gene ID	26528
mRNA Refseq	NM_018959.4
Protein Refseq	NP_061832.2
MIM	607430
UniProt ID	Q96EP5



Coomassie blue staining of purified DAZAP1 protein.