



Recombinant Human DAZ-associated protein 1 (DAZAP1)

Product Code	CSB-MP822205HU
Abbreviation	DAZAP1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96EP5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MNNSGADEIG KLFVGGLDWS TTQETLRSYF SQYGEVVDCV IMKDKTTNQS RGFGFVKFKD PNCVGTVLAS RPHTLDGRNI DPKPCTPRGM QPERTRPKEG WQKGPRSDNS KSNKIFVGGI PHNCGETELR EYFKKFGVVT EVVMIIYDAEK QRPRGFGFIT FEDEQSVDQA VNMHFHDIMG KKVEVKRAEP RDSKSQAPGQ PGASQWGSRV VPNAANGWAG QPPPTWQQGY GPQGMWVPAG QAIGGYGPPP AGRGAPPPP PFTSYIVSTP PGGFPPPQGF PQGYGAPPQF SFGYGPPPPP PDQFAPPGVP PPPATPGAAP LAFPPPPSQA APDMSKPPTA QPDFPYGQYA GYGQDLSGFG QGFSDPSQQP PSYGGPSVPG SGGPPAGGSG FGRGQNHNVQ GFHPYRR
Source	Mammalian cell
Target Names	DAZAP1
Protein Names	Recommended name: DAZ-associated protein 1 Alternative name(s): Deleted in azoospermia-associated protein 1
Expression Region	1-407
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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