



# Recombinant Human Doublesex- and mab-3-related transcription factor 1 (DMRT1)

<b>Product Code</b>	CSB-EP896914HU
<b>Abbreviation</b>	DMRT1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9Y5R6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPNDEAFSKP STPSEAPHAP GVPPQGRAGG FGKASGALVG AASGSSAGGS SRGGGSGSGA SDLGAGSKKS PRLPKCARCR NHGYASPLKG HKRFCMWRDC QCKKCNLIAE RQRVMAAQVA LRRQQAQEEE LGISHPIPLP SAAELLVKRE NNGSNPCLMT ECSGTSQPPP ASVPTTAASE GRMVIQDIPA VTSRGHVENT PDLVSDSTYY SSFYQPSLFP YYNNLYNCPQ YSMALAADSA SGEVGNPLGG SPVKNSLRGL PGPYVPGQTG NQWQMKNMEN RHAMSSQYRM HSYPPPSYL GQSVPPQFFTF EDAPSYPEAR ASVFSPSSQ DSGLVSLSSS SPISNKSTKA VLECEPASEP SSFTVTPVIE EDE
<b>Source</b>	E.coli
<b>Target Names</b>	DMRT1
<b>Protein Names</b>	Recommended name: Doublesex- and mab-3-related transcription factor 1 Alternative name(s): DM domain expressed in testis protein 1
<b>Expression Region</b>	1-373
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene is found in a cluster with two other members of the gene family, having in common a zinc finger-like DNA-binding motif (DM domain). The DM domain is an ancient, conserved component of the vertebrate sex-determining pathway that is also a key regulator of male development in flies and nematodes. This gene exhibits a gonad-specific and sexually dimorphic expression pattern. Defective testicular development and XY feminization occur when this gene is hemizygous.
<b>Reconstitution</b>	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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