

Product datasheet for **TP308108**

DMRT1 (NM_021951) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human doublesex and mab-3 related transcription factor 1 (DMRT1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208108 protein sequence Red =Cloning site Green =Tags(s) MPNDEAFSKPSTPSEAPHAGVPPQGRAGGFGKASGALVGAASGSSAGGSSRGGGSGSGASDLGAGSKKS PRLPKCARCRNHGYASPLKGHKRFCMWRDCQCKKCNLIAERQVMQAQVALRRQQAQEEELGISHPIPLP SAAELLVKRENNGSNPCLMTECSGTSQPPASVPTTAASEGRMVIQDIPAVTSRGHVENTPDLVSDSTYY SSFYQPSLFPYYNNLYNCPQYSMALAADSASGEVGNPLGGSPVKNSLRGLPGPYVPGQTGNQWQMKNMEN RHAMSSQYRMHSYPPPSYLGQSVQFFTFEDAPSYPEARASVFSPSSQDGLVLSLSSSPISNKSTKA VLECEPASEPSSFTVTPVIEEDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	39.3 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:	<u>NP_068770</u>



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Locus ID: 1761

UniProt ID: [Q9Y5R6](#)

RefSeq Size: 2229

Cytogenetics: 9p24.3

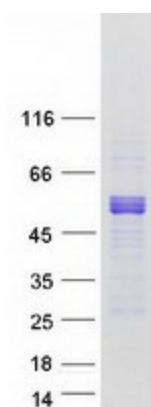
RefSeq ORF: 1119

Synonyms: CT154; DMT1

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified DMRT1 protein (Cat# TP308108). The protein was produced from HEK293T cells transfected with DMRT1 cDNA clone (Cat# [RC208108]) using MegaTran 2.0 (Cat# [TT210002]).