Recombinant Human DMRT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DMRT1-6242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DMRT1 MS Standard C13 and N15-labeled recombinant protein (NP_068770) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	39.5 kDa
AA Sequence	MPNDEAFSKPSTPSEAPHAPGVPPQGRAGGFGKASGALVGAASGSSAGGSSRGG GSGSGASDLGAGSKKSPRLPKCARCRNHGYASPLKGHKRFCMWRDCQCKKCNLI AERQRVMAAQVALRRQQAQEEELGISHPIPLPSAAELLVKRENNGSNPCLMTECSG TSQPPPASVPTTAASEGRMVIQDIPAVTSRGHVENTPDLVSDSTYYSSFYQPSLFPY YNNLYNCPQYSMALAADSASGEVGNPLGGSPVKNSLRGLPGPYVPGQTGNQWQM KNMENRHAMSSQYRMHSYYPPPSYLGQSVPQFFTFEDAPSYPEARASVFSPPSSQ DSGLVSLSSSSPISNKSTKAVLECEPASEPSSFTVTPVIEEDETRTRPLEQKLISEEDL

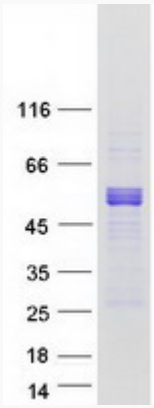
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	AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DMRT1 doublesex and mab-3 related transcription factor 1 [Homo sapiens (human)]
Official Symbol	DMRT1
Synonyms	DMRT1; doublesex and mab-3 related transcription factor 1; doublesex- and mab-3-related transcription factor 1; DM domain expressed in testis 1; DMT1; DM domain expressed in testis protein 1;
Gene ID	1761
mRNA Refseq	NM_021951
Protein Refseq	NP_068770
MIM	602424

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UniProt ID	Q9Y5R6
SDS-PAGE	

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