

Recombinant Full Length Human DMRT1 Protein

Cat. No. DMRT1-128HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DMRT1 with N terminal proprietary tag; Predicted MWt 67.14 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	373 amino acids
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.
Form	Liquid
Molecular Mass	67.140kDa inclusive of tags
AA Sequence	MPNDEAFSKPSTPSEAPHAPGVPPQGRAGGFGKASGALVG AASGSSAGGSSRGG GSGSGASDLGAGSKKSPRLPKCARCR NHGYASPLKGHKRFCMWRDCQCKKCNLI AERQVRVMAAQVA LRRQQAQEEELGISHPIPLPSAAELLVKRENNGSNPCLMT ECS GTSQPPPPASVPTTAASEGRMVIQDIPAVTSRGHVENT PDLVSDSTYYSSFYQPSLF PYYNNLYNCPQYSMALAADSA SGEVGNPLGGSPVKNSLRGLPGPYVPGQTGNQW

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QMKNMEN RHAMSSQYRMHSYPPPSYLGQSVQFFTFEDAPSYPEAR ASVFSP
SSQDSGLVSLSSSSPISNKSTKAVLECEPASEP SSFTVTPVIEEDE

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [DMRT1 doublesex and mab-3 related transcription factor 1 \[Homo sapiens \]](#)

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

Gene ID [1761](#)

mRNA Refseq [NM_021951](#)

Protein Refseq [NP_068770](#)

MIM [602424](#)

UniProt ID [Q9Y5R6](#)

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