

Recombinant Human DMRT3

Catalog No: #GP11467

Package Size: #GP11467-1 100ug

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Description

Product Name	Recombinant Human DMRT3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human doublesex and mab-3 related transcription factor 3
Target Name	doublesex and mab-3 related transcription factor 3
Other Names	DMRTA3
Accession No.	Swissprot:Q9NQL9Gene Accession:BC113584
Uniprot	Q9NQL9
GenelD	58524;
Storage	-20~-80°C, pH 7.6 PBS

Background

The DMRT (doublesex and mab-3 related transcription factor) genes encode a large family of transcription factors that are related to the *Drosophila* doublesex proteins. Expressed primarily in the gonads, DMRT proteins contain cysteine-rich DNA-binding motifs and are thought to play an important role in sexual development. DMRT3 (doublesex and mab-3 related transcription factor 3), also known as DMRTA3, is a 472 amino acid protein that contains one DM DNA-binding domain and belongs to the DMRT family. Localized to the nucleus, DMRT3 is expressed specifically in testis and is thought to regulate transcriptional events during early sexual development. The gene encoding DMRT3 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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