Recombinant Human DMRT2 Protein, GST-tagged

Cat. No. DMRT2-2710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DMRT2 partial ORF (NP_006548, 99 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to the DMRT gene family, sharing a DM DNA-binding domain with Drosophila 'doublesex' (dsx) and C. elegans mab3, genes involved in sex determination in these organisms. Also, this gene is located in a region of the human genome (chromosome 9p24.3) associated with gonadal dysgenesis and XY sex reversal. Hence this gene is one of the candidates for sex-determining gene(s) on chr 9. [provided by RefSeq, Apr 2010]
Molecular Mass	35.86 kDa
AA Sequence	TGPRERCTPAGGGAEPRKLSRTPKCARCRNHGVVSCLKGHKRFCRWRDCQCANC LLVVERQRVMAAQVALRRQQATEDKKGLSGKQNNFERK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DMRT2 doublesex and mab-3 related transcription factor 2 [Homo sapiens]
Official Symbol	DMRT2
Synonyms	DMRT2; doublesex and mab-3 related transcription factor 2; doublesex- and mab-3-related transcription factor 2; terra like protein; DSXL-2; terra-like protein; doublesex-like 2 protein;
Gene ID	10655
mRNA Refseq	NM_001130865
Protein Refseq	NP_001124337
MIM	604935
UniProt ID	Q9Y5R5

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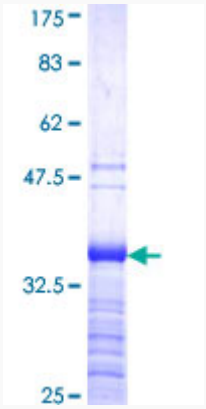
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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