

# Recombinant Full Length Human DMRTC2 Protein, GST-tagged

**Cat. No.** DMRTC2-4041HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DMRTC2 full-length ORF (BAB71473.1, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                              |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 224 amino acids                                                                                                                                                                                                                                    |
| <b>Description</b>      | DMRTC2 (DMRT Like Family C2) is a Protein Coding gene. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and sequence-specific DNA binding. An important paralog of this gene is DMRTC1.    |
| <b>Molecular Mass</b>   | 50.7 kDa                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MEPSDMPAGYHCPLDSAPWDETRDPQSTELIPRRAISRPTCARCRNHGVT AHLKG<br>HKRLCLSQACECHKCVHILERRRVMAAQVALRRQQEAQLKKHLMRRGEASPKAPN<br>HFRKGTTPQPVPSGKENIAPQPQTPHGAVLLAPTPPGKPKCTQLQPVPSAPAELLWA<br>SAAQPSPGSLALVLD SGASWPLGPWTLAASRLLHATTSGVPPAVPRTCCLSASLPW<br>L |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                   |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                    |
|------------------------|------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DMRTC2 DMRT-like family C2 [ Homo sapiens ]                                        |
| <b>Official Symbol</b> | DMRTC2                                                                             |
| <b>Synonyms</b>        | DMRTC2; DMRT-like family C2; doublesex- and mab-3-related transcription factor C2; |
| <b>Gene ID</b>         | 63946                                                                              |
| <b>mRNA Refseq</b>     | NM_001040283                                                                       |
| <b>Protein Refseq</b>  | NP_001035373                                                                       |
| <b>MIM</b>             | 614806                                                                             |
| <b>UniProt ID</b>      | Q8IXT2                                                                             |

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