

Recombinant Human DMC1 Protein, GST-tagged

Cat. No. DMC1-2703H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DMC1 partial ORF (NP_008999, 237 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the superfamily of recombinases (also called DNA strand-exchange proteins). Recombinases are important for repairing double-strand DNA breaks during mitosis and meiosis. This protein, which is evolutionarily conserved, is reported to be essential for meiotic homologous recombination and may thus play an important role in generating diversity of genetic information. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Molecular Mass	37.07 kDa
AA Sequence	GELAERQQKLAQML SRLQKISEEYNVAVFVTNQMTADPGATMTFQADPKKPIGGHIL AHASTTRISLRKGRGELRIAKIYDSPEMPENEATFAITAGGIGDAK
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 DMC1 DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast) [Homo sapiens]

Official Symbol DMC1

Synonyms DMC1; DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast); DMC1 (dosage suppressor of mck1, yeast homolog) meiosis specific homologous recombination; meiotic recombination protein DMC1/LIM15 homolog; LIM15; DMC1 homologue; disrupted meiotic cDNA1, yeast, homolog of; DMC1H; HsLim15; dJ199H16.1; MGC150472; MGC150473;

Gene ID 11144

mRNA Refseq NM_007068

Protein Refseq NP_008999

MIM 602721

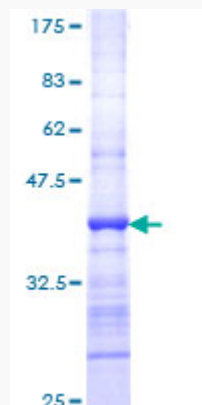
UniProt ID Q14565

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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