

Recombinant Human MND1 cell lysate

Cat. No. MND1-678HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The product of the MND1 gene associates with HOP2 (MIM 608665) to form a stable heterodimeric complex that binds DNA and stimulates the recombinase activity of RAD51 (MIM 179617) and DMC1 (MIM 602721) (Chi et al., 2007 [PubMed 17639080]). Both the MND1 and HOP2 genes are indispensable for meiotic recombination.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MND1 meiotic nuclear divisions 1 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	MND1
Synonyms	MND1; meiotic nuclear divisions 1 homolog (S. cerevisiae); meiotic nuclear division protein 1 homolog; GAJ; homolog of yeast MND1;

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Gene ID	84057
mRNA Refseq	NM_001253861
Protein Refseq	NP_001240790
MIM	611422
UniProt ID	Q9BWT6
Chromosome Location	4q31.3
Pathway	Meiosis, organism-specific biosystem; Meiotic Recombination, organism-specific biosystem;
Function	DNA binding;

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