Recombinant Human EME1 cell lysate

Cat. No. EME1-552HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a protein that complexes with methyl methanesulfonate-sensitive UV-sensitive 81 protein to form an endonuclease complex. The encoded protein interacts with specifc DNA structures including nicked Holliday junctions, 3-flap structures and aberrant replication fork structures. This protein may be involved in repairing DNA damage and in maintaining genomic stability
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	EME1 essential meiotic endonuclease 1 homolog 1 (S. pombe) [Homo sapiens]
Official Symbol	EME1
Synonyms	EME1; essential meiotic endonuclease 1 homolog 1 (S. pombe); crossover junction endonuclease EME1; FLJ31364; MMS4L; SLX2 structure specific endonuclease subunit homolog A (S. cerevisiae); SLX2A; hMMS4; MMS4 homolog; homolog of

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	yeast EME1 endonuclease; essential meiotic endonuclease 1 homolog 2; SLX2 structure-specific endonuclease subunit homolog A;
Gene ID	146956
mRNA Refseq	NM_001166131
Protein Refseq	NP_001159603
MIM	610885
UniProt ID	Q96AY2
Chromosome Location	17q21.33
Pathway	Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem;
Function	DNA binding; endonuclease activity; hydrolase activity; metal ion binding; protein binding;

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