Recombinant Human FANCM cell lysate

Cat. No. FANCM-595HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group M.
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	FANCM Fanconi anemia, complementation group M [Homo sapiens]

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Official Symbol	FANCM
Synonyms	FANCM; Fanconi anemia, complementation group M; KIAA1596; Fanconi anemia group M protein; FAAP250; protein Hef ortholog; ATP-dependent RNA helicase FANCM; fanconi anemia-associated polypeptide of 250 kDa; MGC176453;
Gene ID	57697
mRNA Refseq	NM_020937
Protein Refseq	NP_065988
MIM	609644
UniProt ID	Q8IYD8
Chromosome Location	14q21.3
Pathway	DNA Repair, organism-specific biosystem; FA core complex, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
Function	ATP binding; ATP-dependent helicase activity; DNA binding; chromatin binding; helicase activity; hydrolase activity; nuclease activity; nucleotide binding; protein binding;

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