



## Human FANCM peptide (DAG-P0487)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCIJ (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. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">FANCM Fanconi anemia, complementation group M [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FANCM
<b>Synonyms</b>	FANCM; Fanconi anemia, complementation group M; FAAP250; KIAA1596; Fanconi anemia group M protein; protein Hef ortholog; ATP-dependent RNA helicase FANCM; fanconi anemia-associated polypeptide of 250 kDa;
<b>Entrez Gene ID</b>	<a href="#">57697</a>

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<b>mRNA Refseq</b>	<a href="#">NM_020937.2</a>
<b>Protein Refseq</b>	<a href="#">NP_065988.1</a>
<b>UniProt ID</b>	Q8IYD8
<b>Chromosome Location</b>	14q21.2
<b>Pathway</b>	DNA Repair, organism-specific biosystem; FA core complex, organism-specific biosystem; FA core complex, conserved biosystem; Fanconi Anemia pathway, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
<b>Function</b>	ATP binding; ATP-dependent helicase activity; DNA binding; chromatin binding; nuclease activity; protein binding;

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