

Recombinant Human FANCM Protein, GST-tagged

Cat. No. FANCM-3835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FANCM full-length ORF (AAH36056.1, 1 a.a. - 669 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]
Molecular Mass	102 kDa
AA Sequence	MSGRQRTLFTQWGSSISRSSGTPGCSSGTERPQSPGSSKAPLPAAAEAQLESDDD VLLVAAYEAERQLCLENGGFCTSGALWIYPTNCPVRDYLHISRAALFCNTLVCLP TGLGKTFIAAVVMYFYRWFPSPGKVVFMPTKPLVTQQIEACYQVMGIPQSHMAEM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TGSTQASTRKEIWCSKRVLFLTPQVMVNDLSRGACPAAEIKCLVIDEAHKALGNYAY
CQVVRELVKYTNHFRILALSATPGSDIKAVQQVITNLLIGQIELRSEDSPDILTYSHERK
VEKLIVPLGEELAAIQKTYIQILESFARSLIQRNVLMRRDIPNLTKYQIILARDQFRKNPS
PNIVGIQQGIIERGEFAICISLYHGYELLQQMGMRSLYFFLCGIMDGTGKMTRSKNELG
RNEDFMKLYNHLECMFARTRSTSANGISAIQQGDKNKKFVYSHPKLKKLEEVVIEHF
KSWNAENTTEKKRDETRVMIFSSFRDSVQEIAEMLSQHQPIIRVMTFVGHASGKSTK
GFTQKEQLEVVKQFRDGGYNTLVSTCVGEEGLDIGEVDLIICFDSQKSPIRLVQRMG
RTGRKRQGRIVILSEGREERIYNQSQSNKRSIYKAISSNRQVLHFYQRSRPMVPDGI
NPKLHKMFITHGVYEPEKPSRNLQRKSSIFS YRDGK

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.

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

FANCM Fanconi anemia, complementation group M [Homo sapiens]

Official Symbol

FANCM

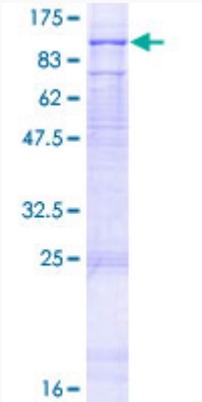
Synonyms

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	57697
mRNA Refseq	NM_020937
Protein Refseq	NP_065988
MIM	609644
UniProt ID	Q8IYD8
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.