

Fanconi anemia group A protein (FANCA) Recombinant Protein | FANCA recombinant protein

Recombinant Human Fanconi anemia group A protein (FANCA) , partial

CATALOG # AAA116095	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Fanconi anemia group A protein (FANCA); Recombinant Human Fanconi anemia group A protein (FANCA); partial; FANCA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1065-1455aa; Partial
Sequence	VAASLQRQRE LLMYKRILLR LPSSVLCGSS FQAEQPITAR CEQFFHLVNS EMRNFCSHGG ALTQDITAHF FRGLLNACLR SRDPSLMVDF ILAKCQTKCP LILTSALVWW PSLEPVLLCR WRRHCQSPLP RELQKLQEGR QFASDFLSPE AASPAPNPDW LSAAALHFAI QQVREENIRK QLKKLDCERE ELLVFLFFFS LMGLLSSHLT SNSTTDLPKA FHVCAILEC LEKRKISWLA LFQLTESDLR LGRLLLRVAP DQHTRLLPFA FYSLLSYFHE DAAIREEAFL HVAVDMYLKL VQLFVAGDTS TVSPAGRSL ELKGQGNPVE LITKARLFL QLIAPCPKKS FSHVAELLAD RGDCDPEVSA ALQSRQQAAP DADLSQEPHL F
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FANCA recombinant protein	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 A. Alternative splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are the most common cause of Fanconi anemia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66880553
NCBI GeneID	2175
NCBI Accession #	NP_000126.2
NCBI GenBank Nucleotide #	NM_000135.3
UniProt Accession #	O15360; O75266; Q6PL10; Q92497; Q96H18; Q9UEA5; Q9UEL8; Q9UEL9; Q9UPK3; A5D923; B4DRI7; H3BSR5
Molecular Weight	159,083 Da

NCBI Official Full Name	Fanconi anemia group A protein isoform a
NCBI Official Synonym Full Names	Fanconi anemia complementation group A
NCBI Official Symbol	FANCA
NCBI Official Synonym Symbols	FA; FA1; FAA; FAH; FA-H; FACA; FANCH
NCBI Protein Information	Fanconi anemia group A protein
UniProt Protein Name	Fanconi anemia group A protein
UniProt Gene Name	FANCA
UniProt Synonym Gene Names	FAA; FACA; FANCH; Protein FACA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fanca-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116095>