

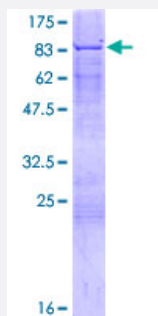
Full-Length

FANCE (Human) Recombinant Protein (P01)

Catalog # H00002178-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FANCE full-length ORF (NP_068741.1, 1 a.a. - 536 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATPDAGLPGAEGVEPAPWAQLEAPARLLLQALQAGPEGARRGLGVLRALGSRGWEPFDWGR
LLEALCREEPVVQGPDGRLELKPLLLRLPRICQRNLSLLMAVRPSLPESGLLSVLQIAQQDLAP
DPDAWLRALGELLRRDLGVGTSMEGASPLSERCQRQLQSLCRGLGLGRRRLKSPQAPDPEEE
ENRDSQQPGKRRKDSEEEAASPEGKRVPKRLRCWEEEDHEKERPEHKSLESADGGSASPI
KDQPVMAVKTGEDGSNLDDAKGLAESLELPKAIQDQLPRLQQLKTL EEGLEGLEDAPPVELQL
LHECSPSQMDLLCAQLQLPQLSDLGLLRLCTWLLALSPDLSLSNATVLRSLFLGRILSLTSSASR
LLTTALTSFCAKYTPVCSALLDPVLQAPGTGPAQTELLCCLVKMESLEPDAQVLMGQILELPW
KEETFLVLQSLLERQVEMTPEKFSVLMEKLCKKGLAATTSMAYAKLMLTVMTKYQANITETQRLGL
AMALEPNTTFLRKSLKAALKHLGP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.1

Interspecies Antigen Sequence

Mouse (65); Rat (66)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FANCE

Entrez GeneID	2178
GeneBank Accession#	NM_021922.2
Protein Accession#	NP_068741.1
Gene Name	FANCE
Gene Alias	FACE, FAE
Gene Description	Fanconi anemia, complementation group E
Omim ID	600901
Gene Ontology	Hyperlink

Gene Summary	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 FANCI 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 E. [provided by RefSeq]
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Other Designations

OTTHUMP00000016254

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)