

DNA repair protein complementing XP-G cells Recombinant Protein | ERCC5 recombinant protein

Recombinant Human DNA repair protein complementing XP-G cells

CATALOG # AAA113119	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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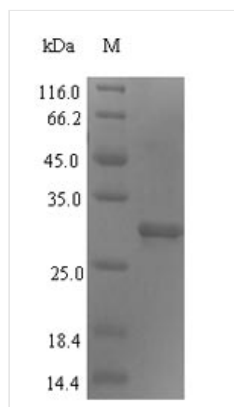
PRODUCT SYNONYMS

DNA repair protein complementing XP-G cells; Recombinant Human DNA repair protein complementing XP-G cells; DNA excision repair protein ERCC-5; Xeroderma pigmentosum group G-complementing protein; ERCC5 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	947-1186aa; Partial
Sequence	SFLWKGPDLD KIREFCQRYF GWNRTKTDES LFPVLKQLDA QQTQLRIDSF FRLAQQEKED AKRIKSQRLN RAVTCMLRKE KEAAASEIEA VSVAMEKEFE LLDKAKGKTQ KRGITNTLEE SSSLKRKRLS DSKGKNTCGG FLGETCLSES SDGSSSEDAE SSSLMNVQRR TAAKEPKTSA SDSQNSVKEA PVKNGGATTS SSSSDSDDDGG KEKMLVTAR SVFGKKRRKL RRARGRKRT
Sequence Length	1186
Species	Homo sapiens
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ERCC5 recombinant protein	Single-stranded structure-specific DNA endonuclease involved in DNA excision repair. Makes the 3'incision in DNA nucleotide excision repair (NER). Acts as a cofactor for a DNA glycosylase that removes oxidized pyrimidines from DNA. May also be involved in transcription-coupled repair of this kind of damage, in transcription by RNA polymerase II, and perhaps in other processes too.
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Product Categories/Family for ERCC5 recombinant protein	Epigenetics and Nuclear Signaling
References	"Complementation of the DNA repair defect in Xeroderma pigmentosum group G cells by a human cDNA related to yeast RAD2." Scherly D., Nospikel T., Corlet J., Ucla C., Bairoch A., Clarkson S.G. Nature 363:182-185(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51988900
NCBI GeneID	2073
NCBI Accession #	NP_000114.2
NCBI GenBank Nucleotide #	NM_000123.3
UniProt Accession #	P28715; Q5JUS4; Q5JUS5; Q7Z2V3; Q8IZL6; Q8N1B7; Q9HD59; Q9HD60; A6NGT4
Molecular Weight	30.8 kDa
NCBI Official Full Name	DNA repair protein complementing XP-G cells
NCBI Official Synonym Full Names	excision repair cross-complementation group 5
NCBI Official Symbol	ERCC5
NCBI Official Synonym Symbols	XPG; UVDR; XPGC; COFS3; ERCM2; ERCC5-201
NCBI Protein Information	DNA repair protein complementing XP-G cells
UniProt Protein Name	DNA repair protein complementing XP-G cells
UniProt Gene Name	ERCC5
UniProt Synonym Gene Names	ERCM2; XPG; XPGC
UniProt Entry Name	ERCC5_HUMAN

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/ercc5-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113119>