

TFIH basal transcription factor complex helicase XPB subunit (ERCC3) Recombinant Protein | ERCC3 recombinant protein

Recombinant Human TFIH basal transcription factor complex helicase XPB subunit (ERCC3)

CATALOG # AAA113304	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

TFIH basal transcription factor complex helicase XPB subunit (ERCC3); Recombinant Human TFIH basal transcription factor complex helicase XPB subunit (ERCC3); ERCC3 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	1-782. Full Length
Sequence	MGKRDRADRD KKKSRKRHYE DEEDDEEDAP GNDPQEAVPS AAGKQVDESG TKVDEYGAKD YRLQMPKDD HTSRPLWVAP DGHIFLEAFS PVYKYAQDFL VAIAEPVCRP THVHEYKLTA YSLYAAVSVG LQTS DITEYL RKLSKTGVPD GIMQFIKLT VSYGKVKLV L KHNRYFVESC HPDVIQHLLQ DPVIRECLR NSEGEATELI TETFTSKSAI SKTAESSGGP STSRVTDPOG KSDIPMDLFD FYEQMDKDEE EEEETQTVSF EVKQEMIEEL QKRCIHLEYP LLAEYDFRND SVNPDINIDL KPTAVLRPYQ EKSLRKMFGN GRARSGVIVL PCGAGKSLVG VTAAC TVRKR CLVLGNSAVS VEQWKAQFKM WSTIDDSQIC RFTSDAKDKP IGCSVAISTY SMLGHTTKRS WEAERVMEWL KTEWGLMIL DEVHTIPAKM FRRVLTIVQA HCKLGLTATL VREDDKIVDL NFLIGPKLYE ANWMELQNG YIAKVQCAEV WCPMSPEFYR EYVAIKTKR ILLYTMNPNK FRACQFLIKF HERRNDKIIV FADNVFALKE YAIRLNKPYI YGPTSQGERM QILQNFKHNP KINTIFISKV GDTSF DLPEA NVLIQISSHG GSRRQEAQRL GRVLRAKKGM VAE EYNAFFY SLVSQDTQEM AYSTKRQRFL VDQGY SFKVI TKLAGMEEED LAFSTKEEQQ QLLQKVLAAT DLDAEEEVVA GEFGRSSQA SRRFGTMSSM SGADDTVYME YHSSRSKAPS KHVHPLFKRF RK
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 ERCC3 recombinant protein	ERCC3 is an ATP-dependent DNA helicase that functions in nucleotide excision repair and complements xeroderma pigmentosum group B mutations. It also is the 89 kDa subunit of basal transcription factor 2 (TFIIH) and thus functions in class II transcription.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557563
NCBI GeneID	2071
NCBI Accession #	NP_000113.1
NCBI GenBank Nucleotide #	NM_000122.1
UniProt Accession #	P19447 ; Q53QM0

Molecular Weight	89,278 Da
NCBI Official Full Name	general transcription and DNA repair factor IIH helicase subunit XPB isoform a
NCBI Official Synonym Full Names	ERCC excision repair 3, TFIIH core complex helicase subunit
NCBI Official Symbol	ERCC3
NCBI Official Synonym Symbols	XPB; BTF2; TTD2; GTF2H; RAD25; TFIIH
NCBI Protein Information	general transcription and DNA repair factor IIH helicase subunit XPB; TFIIH basal transcription factor complex helicase XPB subunit
UniProt Protein Name	General transcription and DNA repair factor IIH helicase subunit XPB
UniProt Gene Name	ERCC3
UniProt Synonym Gene Names	XPB; XPBC; TFIIH subunit XPB; BTF2 p89; TFIIH 89 kDa subunit; TFIIH p89

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/ercc3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113304>