Recombinant Human General transcription and DNA repair factor IIH helicase subunit XPB (ERCC3)

Product Code	CSB-EP007771HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19447
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGKRDRADRD KKKSRKRHYE DEEDDEEDAP GNDPQEAVPS AAGKQVDESG TKVDEYGAKD YRLQMPLKDD HTSRPLWVAP DGHIFLEAFS PVYKYAQDFL VAIAEPVCRP THVHEYKLTA YSLYAAVSVG LQTSDITEYL RKLSKTGVPD GIMQFIKLCT VSYGKVKLVL KHNRYFVESC HPDVIQHLLQ DPVIRECRLR NSEGEATELI TETFTSKSAI SKTAESSGGP STSRVTDPQG KSDIPMDLFD FYEQMDKDEE EEEETQTVSF EVKQEMIEEL QKRCIHLEYP LLAEYDFRND SVNPDINIDL KPTAVLRPYQ EKSLRKMFGN GRARSGVIVL PCGAGKSLVG VTAACTVRKR CLVLGNSAVS VEQWKAQFKM WSTIDDSQIC RFTSDAKDKP IGCSVAISTY SMLGHTTKRS WEAERVMEWL KTQEWGLMIL DEVHTIPAKM FRRVLTIVQA HCKLGLTATL VREDDKIVDL NFLIGPKLYE ANWMELQNNG YIAKVQCAEV WCPMSPEFYR EYVAIKTKKR ILLYTMNPNK FRACQFLIKF HERRNDKIIV FADNVFALKE YAIRLNKPYI YGPTSQGERM QILQNFKHNP KINTIFISKV GDTSFDLPEA NVLIQISSHG GSRRQEAQRL GRVLRAKKGM VAEEYNAFFY SLVSQDTQEM AYSTKRQRFL VDQGYSFKVI TKLAGMEEED LAFSTKEEQQ QLLQKVLAAT DLDAEEEVVA GEFGSRSSQA SRRFGTMSSM SGADDTVYME YHSSRSKAPS KHVHPLFKRF RK
Source	E.coli
Target Names	ERCC3
Protein Names	Recommended name: TFIIH basal transcription factor complex helicase XPB subunit EC= 3.6.4.12Alternative name(s): Basic transcription factor 2 89 kDa subunit Short name= BTF2 p89 DNA excision repair protein ERCC-3 DNA repair
Expression Region	1-782
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.