Recombinant Full Length Human ERCC3 Protein

Cat. No. ERCC3-158HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human XPB with a N terminal proprietary tag; predicted MW: 112.09 kDa inclusive of tag. P19447,
Species	Human
Source	In Vitro Cell Free System
ProteinLength	782 amino acids
Description	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.
Form	Liquid
Molecular Mass	112.090kDa inclusive of tags
AA Sequence	MGKRDRADRDKKKSRKRHYEDEEDDEEDAPGNDPQEAVPS AAGKQVDESGTKVD EYGAKDYRLQMPLKDDHTSRPLWVAP DGHIFLEAFSPVYKYAQDFLVAIAEPVCRP THVHEYKLTA YSLYAAVSVGLQTSDITEYLRKLSKTGVPDGIMQFIKLCT VSYGKVK LVLKHNRYFVESCHPDVIQHLLQDPVIRECRLR NSEGEATELITETFTSKSAISKTAE SSGGPSTSRVTDPQG KSDIPMDLFDFYEQMDKDEEEEEETQTVSFEVKQEMIEEL QKRCIHLEYPLLAEYDFRNDSVNPDINIDLKPTAVLRPYQ EKSLRKMFGNGRARSGV IVLPCGAGKSLVGVTAACTVRKR CLVLGNSAVSVEQWKAQFKMWSTIDDSQICRFT

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	SDAKDKP IGCSVAISTYSMLGHTTKRSWEAERVMEWLKTQEWGLMIL DEVHTIPAK MFRRVLTIVQAHCKLGLTATLVREDDKIVDL NFLIGPKLYEANWMELQNNGYIAKVQ CAEVWCPMSPEFYR EYVAIKTKKRILLYTMNPNKFRACQFLIKFHERRNDKIIV FAD NVFALKEYAIRLNKPYIYGPTSQGERMQILQNFKHNP KINTIFISKVGDTSFDLPEANV LIQISSHGGSRRQEAQRL GRVLRAKKGMVAEEYNAFFYSLVSQDTQEMAYSTKRQ RFL VDQGYSFKVITKLAGMEEEDLAFSTKEEQQQLLQKVLAAT DLDAEEEVVAGEF GSRSSQASRRFGTMSSMSGADDTVYME YHSSRSKAPSKHVHPLFKRFRK
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	ERCC3 excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing) [Homo sapiens]
Official Symbol	ERCC3
Synonyms	ERCC3; excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing); TFIIH basal transcription factor complex helicase XPB subunit; BTF2; GTF2H; RAD25; TFIIH; XPB
Gene ID	2071
mRNA Refseq	NM_000122

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Protein Refseq	NP_000113
MIM	133510
UniProt ID	P19447

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