

Datasheet for ABIN7589472

ERCC3 Protein (AA 1-782) (His tag)



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Overview

Quantity:	100 µg
Target:	ERCC3
Protein Characteristics:	AA 1-782
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERCC3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGKRDRVDRD KKKSKKRQYE EEEEDDDAP GNESQEAVPS AAGKQVDESS TKVDEYGAKD YRQQMPLKGD HTSRPLWVAP DGHIFLEAFS PVYKYAQDFL VAIAEPVCRP THVHEYKLTA YSLYAAVSVG LQTSIDITEYL RKLSTGTGVPD GIIQFIKLCT VSYGKVKLV L KHNRYFVESS HPDVIQHLLQ DPVIRECRLR NAEGEATELI TETFTSKSAI SKTVEGSGGA STSQGVDAQA KSDIPKDLFD FYEQMDKDEE EEEETQTVSF EVKQEMIEEL QKRCICLEYP LLAEYDFRND SLNPDINIDL KPTAVLRPYQ EKSLRKMFGN GRARSGVIVL PCGAGKSLVG VTAAC TVRKR CLVLGNSAVS VEQWKAQFKM WSTIDDSQIC RFTSDAKDKP IGCSIAISTY SMLGHTTKRS WEAERVMEWL KTQEWGLMIL DEVHTIPAKM FRRVLTIVQA HCKLGLTATL VREDDKIVDL NFLIGPKLYE ANWMELQNG YIAKVQCAEV WCPMSPEFYR EYVAIKTKR ILLYTMNPNK FRACQLIKF HERRNDKIIV FADNVFALKE YAIRLNKPYI YGPTSQGERM QILQNFKHNP KINTIFISKV GDTSF DLPEA NVLIQISSHG GSRRQEAQRL GRVLRACKGM VAEEYNAFFY SLVSQDTQEM AYSTKRQRFL VDQGYSFKVI TKLAGMEEEE LAFSTKEEQQ QLLQKVLAAT
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Product Details

DLDAEEEVVA GEFGSRSGQA SRRFGTMSSL SGADDTVYME YHSSRNKAST KHVHPLFKRF RK

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: ERCC3

Alternative Name: TFIIH basal transcription factor complex helicase XPB subunit (Ercc3) ([ERCC3 Products](#))

Background: Recommended name: TFIIH basal transcription factor complex helicase XPB subunit.
EC= 3.6.4.12.
Alternative name(s): DNA excision repair protein ERCC-3

UniProt: [Q4G005](#)

Pathways: [DNA Damage Repair](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.