

Recombinant Human ERCC3 protein, GST-tagged

Cat. No. ERCC3-45433H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERCC3 protein(P19447)(1-782aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-782aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	115.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

MGKRDRADRDKKKSRKRHYEDEEDDEEDAPGNDPQEAVPSAAGKQVDESGTKVD
EYGAKDYRLQMPKDDHTSRPLWVAPDGHIFLEAFSPVYKYAQDFLVAIAEPVCRPT
HVHEYKLTAYSLYAAVSVGLQTS DITEYLRKLSKTGVPDGIMQFIKLCTVSYGKVKLV
LKHNR YFVESCHPDVIQHLLQDPVIRECRLRNSEGEATELITETFTSKSAISKTAESSG
GPSTSRVTD PQGKSDIPMDLDFYEQMDKDEEEEEETQTVSFEVKQEMIEELQKRCI
HLEYPLLA EYDFRND SVNPDINIDLKPTAVLRPYQE KSLRKMFGNGRARS G VIVLPC
GAGKSLVGVTAACTVRKRCLVLGNSAVSVEQWKAQFKMWSTIDDSQICRFTSDAKD
KPIGCSVAISTYSMLGHTTKRSWEAERVMEWLKTQEWGLMILDEVHTIPAKMFRRVL
TIVQAHCKLGLTATLVREDDKIVDLNFLIGPKLYEANWMELQNNGYIAKVQCAEVWC
PMSPEFYREYVAIKTKKRILLYTMNPNKFRACQFLIKFHERRNDKIIVFADNVFALKEY
AIRLNKPYIYGPTSQGERMQILQNFKHNPKINTIFISKVGDT SFDLPEANVLIQISSHGG
SRRQEAQRLGRVLR AKKGMVAEEYNAFFYSLVSQDTQEMAYSTKRQRFLVDQGY S
FKVITKL AGMEEEDLAFSTKEEQQLLQKVLAATDLDAEEEVVAGEFGSRSSQASRR
FGTMSSMSGADDTVYMEYHSSRSKAPSKHVHPLFKRFRK

GENE INFORMATION
Gene Name

ERCC3 excision repair cross-complementing rodent repair deficiency,
complementation group 3 [Homo sapiens]

Official Symbol

ERCC3

Synonyms

ERCC3; excision repair cross-complementing rodent repair deficiency,
complementation group 3; TFIIH basal transcription factor complex helicase XPB
subunit; BTF2; GTF2H; RAD25; TFIIH; xeroderma pigmentosum group B
complementing; XPB; BTF2 p89; TFIIH p89; TFIIH 89 kDa subunit; DNA excision
repair protein ERCC-3; DNA repair protein complementing XP-B cells; basic
transcription factor 2 89 kDa subunit; xeroderma pigmentosum, complementation
group B; xeroderma pigmentosum group B-complementing protein; TFIIH basal
transcription factor complex 89 kDa subunit;

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Gene ID	2071
mRNA Refseq	NM_000122
Protein Refseq	NP_000113
MIM	133510
UniProt ID	P19447
SDS-PAGE	