

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
 EYGAKDYRLQMPLKDDHTSRPLWVAPDGHIFLEAFSPVYKYAQDFLVAIAEPVCRPT
 HVHEYKLTAYSLYAAVSVGLQTSDITEYLRKLSKTGVPDGMQFIKLCTVSYGKVKLV
 LKHNRYPVESCHPDVIQHLLQDPVIRECRLRNSEGEATELITETFTSKSAISKTAESSG
 GPSTSRVTDPPQKSDIPMDLDFYEQMDKDEEEEEETQTVSFEVKQEMIEELQKRCI
 HLEYPLLAEYDFRNDVNPNDINIDLKPTAVLRPYQEKSLRKMFGNGRARGVIVLPC
 GAGKSLVGVTAACTVRKRCLVLGNSAVSVEQWKAQFKMWSTIDDSQICRFTSDAKD
 KPIGCSVAISTYSMLGHTTKRSWEAERVMEWLKTQEWGLMILDEVHTIPAKMFRRVL
 TIVQAHCKLGLTATLVREDDKIVDLNFLIGPKLYEANWMELQNNGYIAKVQCAEVWC
 PMSPEFYREYVAIKTKKRILLYTMNPNKFRACQFLIKFHERRNDKIIVFADNVFALKEY
 AIRLNKPYIYGPTSQGERMQILQNFKHNPKINTIFISKVGDTSFDLPEANVLIQISSHGG
 SRRQEAQRLGRVLRAKKGMVAEEYNAFFYSLVSQDTQEMAYSTKRQRFLVDQGY
 FKVITKLAGMEEEDLAFSTKEEQQLLQKVLAAATDLDAEEVVAGEFGSRSSQASRR
 FGTSSMSGADDTVYMEYHSSRSKAPSKHVHPLFKRFRK

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

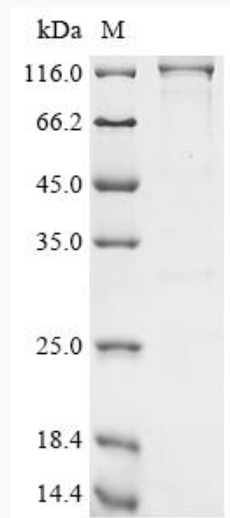
mRNA Refseq NM_000122

Protein Refseq NP_000113

MIM 133510

UniProt ID P19447

SDS-PAGE



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