

RPE729Mu01 100µg

Recombinant Excision Repair Cross Complementing Rodent Repair Deficiency

Complementation 8 (ERCC8)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Gly397

Tags: N-terminal His and GST Tag

Subcellular Location: Nucleus

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.2

Predicted Molecular Mass: 73.7kDa

Accurate Molecular Mass: 74kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

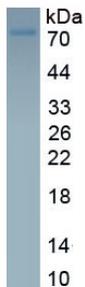
Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MLSFLSARQS GLEDPLRLRR AQSTRRLVGL ELNKDRDVER IHGSGVNTLD
IEPVEGRYM LSGGSDGVVV LYDLENASRQ PHYTCKAVCS VGRSHPDVHK Y
SVETVQWY PHDTGMFTSS SFDKTLKVWD TNLQAADV NFEETVYSHH MS
PAATKHC LVAVGTRGPK VQLCDLKSGS CSHILQGHRQ EILAVSWSPR HDY
ILATAS ADSRVKLWDV RRASGCLLTL DQHNGKKSQA AESANTAHNG KVNG
LCFTS DGLHLLTIGT DNRMLWNSS SGDNTLVNYG KVCNDSRKGL QFAVS
CGCS SEFVFPVPHGS TIAVYAVHSG ERLAMLKGHY KVDCCVFPQ NFQELY
SGS RDCNILAWVP PSYEPVDDD DEAPAKSQLN PAFADAWSSS DEDG

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.