Recombinant human REXO2 protein

Catalog Number: ATGP2152

PRODUCT INFORMATION

Expression system
E.coli

Domain
26-237aa

UniProt No.
Q9Y3B8

NCBI Accession No.
NP_056338

Alternative Names
Oligoribonuclease mitochondrial, Oligoribonuclease, mitochondrial, REX2, RNA exonuclease 2 homolog (S. cerevisiae), CGI-114, REX2, RFN, SFN

PRODUCT SPECIFICATION

Molecular Weight
26.8 kDa (235aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
REXO2 is a 3'-to-5' exonuclease specific for small (primarily 5 nucleotides or less in length) single-stranded RNA and DNA oligomers. This protein may have a role in DNA repair, replication, and recombination, and in RNA processing and degradation. It may also be involved in resistance of human cells to uV-C-induced cell death through its role in the DNA repair process. Recombinant human REXO2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

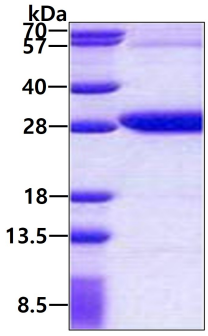
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General References

Lai CH, Chou CY, Ch'ang LY, Liu CS, Lin W . May 2000. Genome Res. 10 (5): 703-13
Nguyen LH, Erzberger JP, Root J, Wilson DM .August 2000. J. Biol. Chem. 275 (34): 25900-6.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.