

Recombinant Rat Xpot Protein, His-tagged

Cat. No. Xpot-595R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Xpot Protein (Met1-Lys269) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Lys269
Description	Predicted to enable tRNA binding activity. Predicted to be involved in tRNA re-export from nucleus. Predicted to be located in cytosol and nucleoplasm. Predicted to be part of nuclear pore. Predicted to be active in cytoplasm and nuclear matrix. Orthologous to human XPOT (exportin for tRNA).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.8 kDa Accurate Molecular Mass: 32&14 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

 Tel: 1-631-559-9269 1-516-512-3133

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Xpot exportin for tRNA [*Rattus norvegicus* (Norway rat)]

Official Symbol

Xpot

Synonyms

Xpot; exportin for tRNA; exportin-T; exportin, tRNA (nuclear export receptor for tRNAs)

Gene ID

314879

mRNA Refseq

NM_001401047

Protein Refseq

NP_001387976

UniProt ID

D3ZZ62

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