

Recombinant E.coli Transcription termination factor Rho

Catalog No: #AP72323

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Package Size: #AP72323-1 20ug #AP72323-2 100ug #AP72323-3 1mg

Description

Product Name	Recombinant E.coli Transcription termination factor Rho
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-419aaSequence Info:Full Length
Other Names	ATP-dependent helicase Rho
Accession No.	P0AG30
Uniprot	P0AG30
GeneID	948297;
Calculated MW	51 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MNLTELKNTPVSELITLGENMGLENLARMRKQDIIFAILKQHAKSGEDIFGDGVLEILQDGFGLRSADSSYLAG PDDIYVSPSQIRRFNLRTGDTISGKIRPPKEGERYFALLKVNEVNFDPENARNKILFENLTPHANSRLRMERG NGSTEDLTARVLDLASPIGRGQRGLIVAPPKAGKTMLLQNIQSIAYNHPDCVLMVLLIDERPEEVTEMQRLVK GEVVASTFDEPASRHHVQAEMVIEKAKRLVEHKDVIILLDSITRLARAYNTVVPASGKVLTTGGVDANALHRPK RFFGAARNVEEGSLTIATALIDTGSKMDEVIYEEFKGTGNMELHLSRKIAEKRVFPAIDYNRSGTRKEELLTT QEELQKMWILRKIIHPMGEIDAMEFLINKLAMTKTNDFFEMMKRS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Facilitates transcription termination by a mechanism that involves Rho binding to the nascent RNA, activation of Rho's RNA-dependent ATPase activity, and release of the mRNA from the DNA tplate. RNA-dependent NTPase which utilizes all four ribonucleoside triphosphates as substrates.

References

Comparing the predicted and observed properties of proteins encoded in the genome of Escherichia coli K-12.Link A.J., Robison K., Church G.M.Electrophoresis 18:1259-1313(1997)Research Topic:Others

Note: This product is for in vitro research use only