
Product Data Sheet

Product Name: EXOSC4 Human
 Cat. No.: GP23428
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Exosome Component 4; Ribosomal RNA-Processing Protein 41; Exosome Complex Exonuclease RRP41; Exosome Complex Component RRP41; RRP41A; Ski6p; SKI6; p12A.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGLELL SDQGYRVDGR RAGELRKIQA RMGVFAQADG SAYIEQGNTK ALAVVYGPHE IRGSRARALP DRALVNCQYS SATFSTGERK RRPHGDRKSC EMGLQLRQTF EAAILTQLHP RSQIDIYVQV LQADGGTYAA CVNAATLAVL DAGIPMRDFV CACSAGFVDG TALADLSHVE EAAGGPQLAL ALLPASGQIA LLEMDARLHE DHLERVLEAA AQAARDVHTL LDRVVRQHVR EASILLGD		
Formulation	EXOSC4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

EXOSC4 is a Non-catalytic component of the RNA exosome complex that has 3'->5' exoribonuclease activity and takes part in several cellular RNA processing and degradation procedures. In the nucleus, the RNA exosome complex contributes to accurate maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the removal of RNA processing by-products and non-coding 'pervasive' transcripts, like antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing deficiencies, thus controlling or excluding their export to the cytoplasm.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

EXOSC4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 268 amino acids (1-245aa) and having a molecular mass of 28.8kDa.

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