
Product Data Sheet

Product Name: EXOSC1 Human
 Cat. No.: GP23426
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Exosome component 1; CGI-108; CSL4; Csl4p; hCsl4p; p13; RP11-452K12.9; SKI4; Ski4p; Exosome complex component CSL4; Exosome component 1; EXOSC1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAPPVRY CIPGERLCNL EEGSPGSGTY TRHG YIFSSL AGCLMKSS EN GALPVVSVVR ETESQLLPDV GAIVTCKVSS INSRFAKVHI LYVGS MPLKN SFRGTIRKED VRATEKDKVE IYK SFRPGDI VLAKVISLGD AQS NYLLTTA ENELGVVVAH SESGIQMVPI SWCEMQCPKT HTKEFRKVAR VQPEFLQT.		
Formulation	EXOSC1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

EXOSC1 is a non-catalytic component of the exosome which has 3'->5' exoribonuclease activity and participates in many cellular RNA processing and degradation occasions. EXOSC1 associates with the exosome by protein-protein interactions with ribosomal RNA-processing protein 42 and ribosomal RNA-processing protein 46.

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.

Background

EXOSC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-195a.a) and having a molecular mass of 23.8kDa. EXOSC1 is fused to a 23 amino acid His-tag at N-terminus & purified by

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

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proprietary chromatographic techniques.

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