
Product Data Sheet

Product Name: FTSJ2 Human
 Cat. No.: GP23516
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ftsj RNA methyltransferase homolog 2 (E. coli); putative ribosomal RNA methyltransferase 2; MRM2 RNA methyltransferase homolog; rRNA (uridine-2'-O-)-methyltransferase; cell division protein Ftsj; Protein ftsj homolog 2; MRM2; FJH1; EC 2.1.1.-.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSSYRCRSA FKLLEVNERH QILRPGLRVL DCGAAPGAWS QVAVQKVNAAGTDPSSPVGF VLGVDLLHIF PLEGATFLCP ADVTDPRTSQ RILEVLPGR ADVILSDMAP NATGFRDL DH DRLISLCLTL LSVTPDILQP GGTFLCKTWA GSQSRRLQRR LTEEFQNVRI IKPEASRKES SEVYFLATQY HGRKGTVKQ		
Formulation	The FTSJ2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.		

Introduction

Ftsj RNA Methyltransferase Homolog 2 (FTSJ2) belongs to the S-adenosylmethionine-binding protein family. FTSJ2 is a nucleolar protein and which is involved in cell cycle control and DNA repair and the processing and modification of rRNA. FTSJ2 is extensively expressed, with the highest expression in the muscle, placenta, and heart.

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

FTSJ2 Human Recombinant produced in E. coli is a single polypeptide chain containing 219 amino acids (51-246) and having a molecular mass of 24.1 kDa. FTSJ2 is fused to a

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

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23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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