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FTSJ2 Human

Catalog #:PRPS-1214

For research use only.

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

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.-.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSSYRCRSA FKLLEVNERH QILRPGLRVL DCGAAPGAWS QVAVQKVNAA GTDPSSPVGF VLGVDLLHIF PLEGATFLCP ADVTDPRTSQ RILEVLPGRR ADVILSDMAP NATGFRDLDH DRLISLCLTL LSVTPDILQP GGTFLCKTWA GSQSRRLQRR LTEEFQNVRI IKPEASRKES SEVYFLATQY HGRKGTVKQ

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
The FTSJ2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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