

Recombinant *Synechocystis* sp. RNJ Protein (1-640 aa), His-SUMO-tagged

Cat. No. RNJ-2170S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Synechocystis</i> sp. (strain PCC 6803/Kazusa) RNJ Protein (1-640 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	<i>Synechococcus</i> sp.
Source	E.coli
ProteinLength	1-640 aa
Description	An RNase that has 5'-3' exonuclease and possibly endonuclease activity. Involved in maturation of rRNA and in some organisms also mRNA maturation and/or decay.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	86.4 kDa
AA Sequence	MAKNTQTQALKILPLGGLHEIGKNTCVFEYDDEILLDDAGLAFPTDDMHGVNVVLPD MTYLRENREKIKGMVVTHGHEDHIGGIAYHLKQFDIPIYGPRLAMALLRDKLEEAGM LERTNLQTVSPREVMRLGKSFVVEFIRNTHSIADSYCLAHTPLGVVMHSGDFKIDHT PIDGEFFDLQKVAEYGEKGVLCLLSDSTNAEVPGITPSEASVIPNLDRVFSQAEGRLM VTTFASSVHRVNIILSLAQKHQRKVAVVGRSMLNVIAHARKLGYIKCPDNLFVPLKAA RNLDPDQQQLILTTSQGEPLAAMTRISNGEHPQIKIRQGDVVFSANPIPGNTIAVVN TIDRLMMQGANVIYGKHQGIHVSGHASQEEHKMLLALTRPKFFVPVHGEHRMLVKH

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SQMAQAQGIPSENIVIVNNGDVIELTGDRIRVAGQVPSGIELVDQAGIVHESTMAERQ
QMAEDGLVTVAAALSKTGTLLAYPEVHCRGVVMTIQPKLLEELIVRTIENFLTERWSE
FTHGSNGSTEVS WNALQKELESSLQRLIKRELQSSPMVLLMLQTDTPIELDQVPQNV
STVSATSATPAPRKKVVLTKTPEPKVKAKPEKKVTTAEPSAQPVSTTKVYRRSRKR
STTSVSS

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

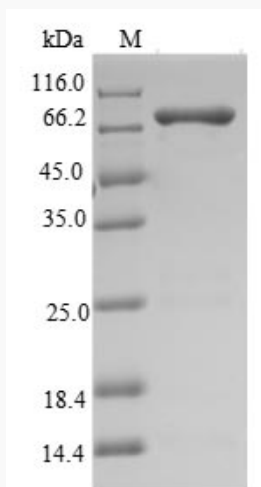
Synonyms rnj;

UniProt ID [P54123](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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