

RPPB1420

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## Product Information    Protein Information

**Product SKU:**

RPPB1420

**Accession:**

P10723

**Host:**

Escherichia Coli.

**Protein description:**

AsnRS Brugia Malayi Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 568 amino acids (including a 6xHis Tag at N-terminus) and having a molecular mass of 64.5kDa. The AsnRS is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Asparagine--tRNA ligase, cytoplasmic (EC:6.1.1.22), Asparaginyl-tRNA synthetase, AsnRS, Potentially protective 63 kDa antigen.

**Formulation:**

AsnRS 0.2µm filtered solution containing 20mM HEPES, pH7.4, 100mM NaCl, 5mM MgCl<sub>2</sub>, 5mM b-Mercaptoethanol and 10 % Glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MTVYICPETG DDGNDGSELK PLRTLYQAMI ITKSSKGDFL IRTKKDGKQV  
WEAASKTALK KSWKRYEQEM LKNEKVAAMK LEKDATEVGV KAALEEAKKV QIELDTSLSY ITGVKIRDV  
KHRNERVCIK GWIHRMRRQG KSLMFFILRD GTGFLQVLLM DKLCQTYDAL TVNTECTVEI YGAIKEVPEG  
KEAPNGHELI ADFWKIIGNA PSGGIDNVLN EEASVDKMLD NRHLVIRGEN AAALLRLRAA ATRAMREHFY  
NAGYVEVAPP TLVQTQVEGG STLFNLDYFG EQSFLTQSSQ LYLETCTPL GDVFLHCSVL QGGKISHSST  
LAEYAHVEAE CPFITLDDLK EKIEELVCDT VDRLLADEEA KKLEHINPK FQPPERPFLR MEYKDAIKWL  
QEHNVENEFV NTFTYGEDIA EAAERFMTDT INKPILLNRF PSEIKAFYMQ RDAKDNTLTE SVDLLMPGVG  
EIVGGSMRIW KFDELSKAFK NVEIDPKPYY WYLDQRLYGT CPHGGYGLGL ERFICWLTNT NHIRDVCLYP  
RFVGRCPV.