

RPPB3752

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## Product Information    Protein Information

**Product SKU:**

RPPB3752

**Host:**

E.coli.

**Protein description:**

Intein Bacillus Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 533 amino acids (3-518) and having a molecular mass of 59.4 kDa. Intein is fused to a 16 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Intein-CBD

**Formulation:**

The Intein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

**Purity:**

Greater than 95% 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:**

MKIEEGKLV I GSLEGFAKG TNVLMADGSI ECINIEVGN KVMGKDGRPR EVIKLPRGRE TMYSVVQKSQ  
HRAHKSDSSR EPELLKFTC NATHLVVRT PRSVRRLSRT IKGVEYFEVI TFEMGQKKAP DGRIVELVKE  
VKSYPISSEG PERANELVES YRKASNKAYF EWTIEARDLS LLGSHVRKAT YQTYAPILYE NDHFFDYMOK  
SKFHILTIEGP KVLAYLLGLW IGDGLSDRAT FSVDSRDTSL MERVTEYAEK LNLCAEYKDR KEPQVAKTVN  
LYSKVVRGAS TNPVSAWQV NTAYTAGQLV TYNGKTYKCL QPHTSLAGWE PSNVPALWQL QGGHGGIRNN  
LNTENPLWDA IVGLGFLKDG VKNIPSFLST DNIGTRETFL AGLIDSDGYV TDEHGKATI KTIHTSVRDG  
LVSLARSLGL VSVNAEPAK VDMNVTKHKI SYAIYMSGGD VLLNVLSKCA GSKKFRPAPA AAFARECRGF  
YFELQELKED DYYGITLSDD SDHQFLGSG VVQNLEHHH HHH