

Ribonuclease S-4 (S4), Recombinant Protein

Cat RP20407

Size 0.02 mg (E-Coli); 0.1 mg (E-Coli); 0.02 mg (Yeast); 0.1 mg (Yeast); 0.02 mg (Baculovirus); 1 mg (E-Coli); 0.02 mg

(Mammalian-Cell); 0.1 mg (Baculovirus); 1 mg (Yeast); 0.1 mg (Mammalian-Cell); 1 mg (Baculovirus); 0.5 mg (Mammalian-Cell)
Antirrhinum hispanicum (Snapdragon) (Antirrhinum glutinosum)

Full Product Name

Recombinant Antirrhinum hispanicum Ribonuclease S-4 (S4)

Product Gene Name

S4 recombinant protein

Product Synonym Gene Name

S4

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

KCDYLKLVLQ WPKSFCLINS RKCQRNPLPS NFTIHGLWPD NYTRQAPQSC TTNNFQRFTD TDIEQRMEES
WPDLKQQSIA GLSYNFWQDQ WRKHGSCCFP PHESEIYFLK ALELKDRLDV LTILENNNFN PGTPQPFSVL
RVFNTISRAI GKTPILKCAQ SYLKEVICV DNNGASVVHC PRSRPRPRPR RDPCPFSDVK FP

Sequence Positions

32-233, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

26,889 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Core protein

NCBI Accession

Q38717.1

NCBI GI

2500573

NCBI Official Full Name

Ribonuclease S-4

UniProt Gene Name

S4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast); 0.02 mg (Baculovirus); 1 mg (E-Coli); 0.02 mg

UniProt Protein Name
Ribonuclease S-4
(Mammalian-Cell); 0.1 mg (Baculovirus); 1 mg (Yeast); 0.1 mg
(Mammalian-Cell); 1 mg (Baculovirus); 0.5 mg (Mammalian-
Cell)

UniProt Synonym Protein Names

S4-RNase; Styler glycoprotein 4

UniProt Primary Accession

Q38717

UniProt Comments

Self-incompatibility (SI) is the inherited ability of a flowering plant to prevent self-fertilization by discriminating between self and non-self pollen during pollination. In many species, self-incompatibility is controlled by the single, multiallelic locus S.

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