

Ribosome-recycling factor, chloroplastic (Os07g0570700, LOC_Os07g38300), Recombinant Protein

Cat RP14149

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Ribosome-recycling factor, chloroplastic (Os07g0570700, LOC_Os07g38300)

Product Gene Name

Os07g0570700 recombinant protein

Purity

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

Sequence

TIEEIEAEKS VIEDQARERM EKAIETVQNN FNTVRTGRAN PAMLDRIEVE YYGTPVNLKS IAQINTPDAT
SLLIQPYDKS SLKLIETIV AANLGVTPSN DGEVIRVTVP PLTSDRRKEL AKTVAKLAEK GKVAIRNIRR
DAIKAYDKLE KEKKLSEENV KDLSADLQKV TDEYMKKIEA IQKQKEQELM KI

Sequence Positions

75-266, 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

25,912 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.

NCBI Accession

XP_015644851.1

NCBI GI

1002281111

NCBI GenBank Nucleotide

XM_015789365.1

NCBI GeneID

4343662

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol
LOC4343662

NCBI Official Synonym Symbols

RRF; OsJ_023845; OJ1121_A05.3

NCBI Protein Information

ribosome-recycling factor, chloroplastic

UniProt Gene Name

Os07g0570700

UniProt Synonym Gene Names

RRF

UniProt Protein Name

Ribosome-recycling factor, chloroplastic

UniProt Synonym Protein Names

Protein OsL8; Ribosome-releasing factor, chloroplastic

UniProt Primary Accession

A3BLC3

UniProt Secondary Accession

P83648; Q6YTV7; B9FY06

UniProt Related Accession

A3BLC3

UniProt Comments

Responsible for the release of ribosomes from messenger RNA at the termination of chloroplastic protein biosynthesis.

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