Mitochondrial import receptor subunit TOM7-2 (TOM7-2), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP15397*

Size *0.05 mg (E-Coli)/ 0.2 mg (E-Coli)/ 0.05 mg (Yeast)/ 0.5 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.2 mg (Yeast)/ 1 mg (E-Coli)/ 0.5 mg (Yeast)/ 0.1 mg (Baculovirus)/ 0.05 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 0.5 mg (Baculovirus)/ 0.1 mg (Mammalian-Cell)/ 1 mg (B*

Species
Solanum tuberosum (Potato)

Full Product Name
Recombinant Solanum tuberosum Mitochondrial import receptor subunit TOM7-2 (TOM7-2)

Product Synonym Names
Recombinant Mitochondrial import receptor subunit TOM7-2 (TOM7-2); Mitochondrial import receptor subunit TOM7-2; Translocase of outer membrane 7 kDa subunit 2

Product Gene Name
TOM7-2 recombinant protein

Product Synonym Gene Name
TOM7-2

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

Sequence
AKGKNTKKFA AVVDEEGGAV TAXYXF

Sequence Positions
1-26aa; 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
2,724 Da

Storage
Store at -20℃. For extended storage, store at -20 or -80℃.

Protein Family
Mitochondrial import receptor

NCBI Accession
P81794.1

NCBI GI
26397288

NCBI Official Full Name
Mitochondrial import receptor subunit TOM7-2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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https://www.cd-biosciences.com/plant-protein/

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UniProt Gene Name
TOM7-2

UniProt Protein Name
Mitochondrial import receptor subunit TOM7-2

UniProt Synonym Protein Names
Translocase of outer membrane 7 kDa subunit 2

UniProt Entry Name
TOM7B_SOLTU

UniProt Primary Accession
P81794

UniProt Comments
Function: Seems to act as a modulator of the dynamics of the mitochondrial protein transport machinery. Seems to promote the dissociation of subunits of the outer membrane translocase By similarity.Subunit structure: Forms part of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex).Subcellular location: Mitochondrion outer membrane; Single-pass membrane protein. Sequence similarities: Belongs to the Tom7 family.

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