

# Mitochondrial import receptor subunit TOM20 (TOM20), Recombinant Protein

Cat *RP15849*

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

## Species

*Solanum tuberosum* (Potato)

## Full Product Name

Recombinant *Solanum tuberosum* Mitochondrial import receptor subunit TOM20 (TOM20), partial

## Product Gene Name

TOM20 recombinant protein

## Purity

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

## Sequence

MEMQSEFDRL LFFEHARKSA ETTYAQNPLD ADNLTRWGGA LLELSQFQPV AESKQMISDA TSKLEEALTV  
NPEKHDALWC LGNAHTSHVF LTPDMDEAKV YFEKATQCFQ QAFDADPSND LYRKSLEVTA KAPELHMEIH  
RHGPMQQTMA AEPSTSTSTK SSKKTKSSD

## Sequence Positions

1-169

## Format

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

## Host

*E Coli* or *Yeast* or *Baculovirus* or *Mammalian Cell*

## Molecular Weight

22,814 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

Mitochondrial import receptor

## NCBI Accession #

NP\_001275135.1

## NCBI GI #

568215320

## NCBI GenBank Nucleotide #

NM\_001288206.1

## NCBI GeneID

102603648

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI Official Full Name

mitochondrial import receptor subunit TOM20

## NCBI Official Symbol

TOM20

## NCBI Protein Information

mitochondrial import receptor subunit TOM20

## UniProt Gene Name

TOM20

## UniProt Protein Name

Mitochondrial import receptor subunit TOM20

## UniProt Synonym Protein Names

Translocase of outer membrane 20 kDa subunit

## UniProt Primary Accession #

P92792

## UniProt Related Accession #

P92792

## UniProt Comments

Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the translocation pore.

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