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C18orf55 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16295b

Specification

C18orf55 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9BVV7

C18orf55 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 29090

Other Names
Mitochondrial import inner membrane translocase subunit Tim21, TIM21-like protein, mitochondrial, TIMM21, C18orf55, TIM21

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

C18orf55 Antibody (C-term) Blocking Peptide - Protein Information

Name TIMM21

Synonyms C18orf55, TIM21

Function
Participates in the translocation of transit peptide- containing proteins across the mitochondrial inner membrane. Also required for assembly of mitochondrial respiratory chain complex I and complex IV as component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex. Probably shuttles between the presequence translocase and respiratory-chain assembly intermediates in a process that promotes incorporation of early nuclear-encoded subunits into these complexes.

Cellular Location
Mitochondrion membrane; Single-pass membrane protein

C18orf55 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

C18orf55 Antibody (C-term) Blocking Peptide - Images

C18orf55 Antibody (C-term) Blocking Peptide - Background

C18orf55 may participate in the translocation of transit peptide-containing proteins across the mitochondrial inner membrane (By similarity).

C18orf55 Antibody (C-term) Blocking Peptide - References

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :