

GRPEL1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17977c**Specification**

GRPEL1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9HAV7](#)**GRPEL1 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 80273

Other Names

GrpE protein homolog 1, mitochondrial, HMGE, Mt-GrpE#1, GRPEL1, GREPEL1

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.

GRPEL1 Antibody (Center) Blocking Peptide - Protein Information

Name GRPEL1

Synonyms GREPEL1

Function

Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner (By similarity). Seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins (PubMed:11311562).

Cellular Location

Mitochondrion matrix

GRPEL1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GRPEL1 Antibody (Center) Blocking Peptide - Images**GRPEL1 Antibody (Center) Blocking Peptide - Background**

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GRPEL1 Antibody (Center) Blocking Peptide - References

Borges, J.C., et al. J. Biol. Chem. 278(37):35337-35344(2003)Choglay, A.A., et al. Gene 267(1):125-134(2001)