

GUF1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12858a**Specification**

GUF1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession
Other Accession[O8N442](#)
[NP_068746.2](#)**GUF1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 60558**Other Names**

Translation factor GUF1, mitochondrial {ECO:0000255|HAMAP-Rule:MF_03137}, 365-, Elongation factor 4 homolog {ECO:0000255|HAMAP-Rule:MF_03137}, EF-4 {ECO:0000255|HAMAP-Rule:MF_03137}, GTPase GUF1 {ECO:0000255|HAMAP-Rule:MF_03137}, Ribosomal back-translocase {ECO:0000255|HAMAP-Rule:MF_03137}, GUF1 {ECO:0000255|HAMAP-Rule:MF_03137}

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.

GUF1 Antibody (N-term) Blocking peptide - Protein Information**Name** GUF1 {ECO:0000255|HAMAP-Rule:MF_03137}**Function**

Promotes mitochondrial protein synthesis. May act as a fidelity factor of the translation reaction, by catalyzing a one-codon backward translocation of tRNAs on improperly translocated ribosomes. Binds to mitochondrial ribosomes in a GTP-dependent manner.

Cellular Location

Mitochondrion inner membrane {ECO:0000255|HAMAP-Rule:MF_03137}; Peripheral membrane protein {ECO:0000255|HAMAP-Rule:MF_03137}; Matrix side {ECO:0000255|HAMAP-Rule:MF_03137}

GUF1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GUF1 Antibody (N-term) Blocking peptide - Images

GUF1 Antibody (N-term) Blocking peptide - References

Vasilescu, J., et al. J. Proteome Res. 6(1):298-305(2007) Kiser, G.L., et al. Yeast
11(13):1311-1316(1995)