

MTIF3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9766b**Specification**

MTIF3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9H2K0](#)**MTIF3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 219402**Other Names**

Translation initiation factor IF-3, mitochondrial, IF-3(Mt), IF-3Mt, IF3(mt), IF3mt, MTIF3

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.

MTIF3 Antibody (C-term) Blocking Peptide - Protein Information**Name** MTIF3**Function**

IF-3 binds to the 28S ribosomal subunit and shifts the equilibrium between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.

Cellular Location

Mitochondrion.

MTIF3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MTIF3 Antibody (C-term) Blocking Peptide - Images**MTIF3 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson's disease.

MTIF3 Antibody (C-term) Blocking Peptide - References

Reiling, E., et al. Eur. J. Hum. Genet. 17(8):1056-1062(2009)Christian, B.E., et al. Biochemistry 48(15):3269-3278(2009)Thorleifsson, G., et al. Nat. Genet. 41(1):18-24(2009)Sullivan, P.F., et al. Mol. Psychiatry 13(6):570-584(2008)Haque, M.E., et al. Nucleic Acids Res. 36(2):589-597(2008)Abahuni, N., et al. Neurosci. Lett. 414(2):126-129(2007)