

GMPR Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12887b**Specification**

GMPR Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [P36959](#)**GMPR Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 2766**Other Names**

GMP reductase 1, Guanosine 5'-monophosphate oxidoreductase 1, Guanosine monophosphate reductase 1, GMPR, GMPR1

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.

GMPR Antibody (C-term) Blocking peptide - Protein Information**Name** GMPR**Synonyms** GMPR1 {ECO:0000255|HAMAP-Rule:MF_03195}**Function**

Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides.

GMPR Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GMPR Antibody (C-term) Blocking peptide - Images**GMPR Antibody (C-term) Blocking peptide - Background**

This gene encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular bases and purine nucleosides.

GMPR Antibody (C-term) Blocking peptide - References

Chasman, D.I., et al. PLoS Genet. 5 (11), E1000730 (2009) :Lamesch, P., et al. Genomics 89(3):307-315(2007) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Deng, Y., et al. Int. J. Biochem. Cell Biol. 34(9):1035-1050(2002) Salvatore, D., et al. J. Biol. Chem. 273(47):31092-31096(1998)