

(Mouse) Nr4a2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21233c

Specification

(Mouse) Nr4a2 Blocking Peptide (Center) - Product Information

Primary Accession [Q06219](#)

(Mouse) Nr4a2 Blocking Peptide (Center) - Additional Information

Gene ID 18227

Target/Specificity

The synthetic peptide sequence is selected from aa 164-177 of HUMAN Nr4a2

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.

(Mouse) Nr4a2 Blocking Peptide (Center) - Protein Information

Name Nr4a2

Synonyms Nurr1

Function

Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development (PubMed:19144721). It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons (PubMed:19144721).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P43354}. Nucleus {ECO:0000250|UniProtKB:P43354}. Note=Mostly nuclear; oxidative stress promotes cytoplasmic localization. {ECO:0000250|UniProtKB:P43354}

Tissue Location

Brain.

(Mouse) Nr4a2 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

(Mouse) Nr4a2 Blocking Peptide (Center) - Images