

NR4A2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21092a**Specification**

NR4A2 Blocking Peptide (Center) - Product Information

Primary Accession [P43354](#)
Other Accession [Q07917](#), [Q06219](#), [Q08E53](#)

NR4A2 Blocking Peptide (Center) - Additional Information

Gene ID 4929

Other Names

Nuclear receptor subfamily 4 group A member 2, Immediate-early response protein NOT, Orphan nuclear receptor NURR1, Transcriptionally-inducible nuclear receptor, NR4A2, NOT, NURR1, TINUR

Target/Specificity

The synthetic peptide sequence is selected from aa 380-392 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.

NR4A2 Blocking Peptide (Center) - Protein Information

Name NR4A2

Synonyms NOT, NURR1, TINUR

Function

Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development (PubMed:17184956, PubMed:15716272). 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 (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=Mostly nuclear; oxidative stress promotes cytoplasmic localization

Tissue Location

Expressed in a number of cell lines of T-cell, B- cell and fibroblast origin. Strong expression in brain tissue

NR4A2 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

NR4A2 Blocking Peptide (Center) - Images

NR4A2 Blocking Peptide (Center) - Background

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NR4A2 Blocking Peptide (Center) - References

Mages H.W.,et al.Mol. Endocrinol. 8:1583-1591(1994).
Ichinose H.,et al.Gene 230:233-239(1999).
Torii T.,et al.Gene 230:225-232(1999).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.