

Mouse Olig1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21009a**Specification**

Mouse Olig1 Blocking Peptide (Center) - Product Information

Primary Accession [O9JKN5](#)
Other Accession [O9WUQ3](#)

Mouse Olig1 Blocking Peptide (Center) - Additional Information

Gene ID 50914

Other Names

Oligodendrocyte transcription factor 1, Oligo1, Oligodendrocyte-specific bHLH transcription factor 1, Olig1

Target/Specificity

The synthetic peptide sequence is selected from aa 161-174 of HUMAN Olig1

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 Olig1 Blocking Peptide (Center) - Protein Information

Name Olig1

Function

Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

Tissue Location

Expressed specifically in brain.

Mouse Olig1 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

Mouse Olig1 Blocking Peptide (Center) - Images

Mouse Olig1 Blocking Peptide (Center) - Background

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Mouse Olig1 Blocking Peptide (Center) - References

Takebayashi H., et al. Mech. Dev. 99:143-148(2000).

Zhou Q., et al. Neuron 25:331-343(2000).

Lu Q.R., et al. Neuron 25:317-329(2000).

Lu Q.R., et al. Cell 109:75-86(2002).