

CALY Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21268a**Specification**

CALY Blocking Peptide (N-term) - Product InformationPrimary Accession [Q9NYX4](#)**CALY Blocking Peptide (N-term) - Additional Information****Gene ID** 50632**Other Names**

Neuron-specific vesicular protein calcyon, CALY, DRD1IP

Target/Specificity

The synthetic peptide sequence is selected from aa 60-74 of HUMAN CALY

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.

CALY Blocking Peptide (N-term) - Protein Information**Name** CALY**Synonyms** DRD1IP**Function**

Interacts with clathrin light chain A and stimulates clathrin self-assembly and clathrin-mediated endocytosis.

Cellular Location

Cytoplasmic vesicle membrane; Single-pass membrane protein. Cell membrane; Single-pass membrane protein

Tissue Location

Expressed in the pyramidal cells of the prefrontal cortex, in hypothalamus and in caudate nucleus. No expression in spleen. Up-regulated in the prefrontal cortex of schizophrenic patients with nearly twice the levels of non-schizophrenics

CALY Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

CALY Blocking Peptide (N-term) - Images**CALY Blocking Peptide (N-term) - Background**

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CALY Blocking Peptide (N-term) - References

Lezcano N.,et al.Science 287:1660-1664(2000).
Lezcano N.,et al.Science 314:1681-1681(2006).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Koh P.O.,et al.Arch. Gen. Psychiatry 60:311-319(2003).