

Product datasheet

COMT peptide (52-65) ab45665

Overview

Product name COMT peptide (52-65)

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence GDTKEQRILNHVLQ-C

Amino acids 52 to 65

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45665** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-COMT antibody ([ab36144](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

General Info

Function Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones. Also shortens the biological half-lives of certain neuroactive drugs, like L-DOPA, alpha-methyl DOPA and isoproterenol.

Tissue specificity Brain, liver, placenta, lymphocytes and erythrocytes.

Sequence similarities Belongs to the mammalian catechol-O-methyltransferase family.

Post-translational modifications The N-terminus is blocked.

Cellular localization Cytoplasm and Cell membrane.

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