

Product datasheet

Cytochrome b reductase 1 peptide (273-286) **ab45677**

Overview

Product name Cytochrome b reductase 1 peptide (273-286)

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-RNLALDEAGQRSTM

Amino acids 273 to 286

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45677** 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-Cytochrome b reductase 1 antibody ([ab28758](#))

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 Ferric-chelate reductase that reduces Fe(3+) to Fe(2+). Present at the brush border of duodenal enterocytes where it probably reduces dietary Fe(3+) thereby facilitating its transport into the mucosal cells. Uses ascorbate as electron donor. May be involved in extracellular ascorbate recycling in erythrocyte membranes. May also act as a ferrireductase in airway epithelial cells.

Tissue specificity Present in erythrocyte membranes (at protein level). Also expressed in respiratory epithelium.

Sequence similarities Contains 1 cytochrome b561 domain.

Cellular localization Membrane.

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