

Product datasheet

Mouse Cytochrome b reductase 1 peptide ab95410

製品の概要

製品名 Mouse Cytochrome b reductase 1 peptide

製品の詳細

由来 Synthetic

アミノ酸配列

生物種 Mouse

特性

Our [Abpromise guarantee](#) covers the use of **ab95410** in the following tested applications.

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

精製度 70 - 90% by HPLC.

製品の状態 Liquid

備考

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

関連情報

機能	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.
組織特異性	Present in erythrocyte membranes (at protein level). Also expressed in respiratory epithelium.
配列類似性	Contains 1 cytochrome b561 domain.
細胞内局在	Membrane.

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