

Human ABCB7 peptide ab66358

製品の詳細

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| 製品名 | Human ABCB7 peptide |
| 精製度 | > 70 % HPLC. 70 - 90% by HPLC |
| Animal free | No |
| 由来 | Synthetic |
| 生物種 | Human |

特性

Our **Abpromise guarantee** covers the use of **ab66358** in the following tested applications.

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

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| アプリケーション | Blocking |
| 製品の状態 | Liquid |
| 備考 | <ul style="list-style-type: none"> - 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

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| 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. |
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関連情報

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| 機能 | Could be involved in the transport of heme from the mitochondria to the cytosol. Plays a central role in the maturation of cytosolic iron-sulfur (Fe/S) cluster-containing proteins. |
| 関連疾患 | Defects in ABCB7 are the cause of X-linked sideroblastic anemia with ataxia (ASAT) [MIM:301310]. ASAT is a recessive disorder characterized by an infantile to early childhood onset of nonprogressive cerebellar ataxia and mild anemia with hypochromia and microcytosis. |
| 配列類似性 | Belongs to the ABC transporter superfamily. ABCB family. Heavy Metal importer (TC 3.A.1.210) subfamily. Contains 1 ABC transmembrane type-1 domain. Contains 1 ABC transporter domain. |
| 細胞内局在 | Mitochondrion inner membrane. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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