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Datasheet for ABIN7505050

UCP1 Protein (AA 1-307) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | UCP1 |
| Protein Characteristics: | AA 1-307 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This UCP1 protein is labelled with His tag. |

Product Details

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|------------------|---|
| Sequence: | Met 1-Thr 307 |
| Characteristics: | A DNA sequence encoding the Human UCP1 protein (P25874) (Met 1-Thr 307) was expressed with a N-His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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|-------------------|--|
| Target: | UCP1 |
| Alternative Name: | UCP1 (UCP1 Products) |
| Background: | Background: Mitochondrial brown fat uncoupling protein 1 (UCP1, also Thermogenin and UCP) is a 33 kDa member of the mitochondrial carrier family of proteins. Human UCP1 are both 307 amino acids (aa) in length and contain three solcar repetitive regions and six tran Synonym: UCP1,SLC25A7,UCP |

Target Details

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|-------------------|--|
| Molecular Weight: | 33.66 kDa |
| UniProt: | P25874 |
| Pathways: | Proton Transport, Brown Fat Cell Differentiation |

Application Details

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date: | 12 months |