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Datasheet for ABIN7505342

UCP3 Protein (AA 1-113) (SUMO Tag,His tag)

Overview

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| Quantity: | 100 µg |
| Target: | UCP3 |
| Protein Characteristics: | AA 1-113 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This UCP3 protein is labelled with SUMO Tag,His tag. |

Product Details

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| Sequence: | Met 1-Asn 113 |
| Characteristics: | A DNA sequence encoding the Human UCP3 protein (P55916) (Met 1-Asn 113) was expressed with a N-SUMO-His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | UCP3 |
| Alternative Name: | UCP3 (UCP3 Products) |
| Background: | <p>Background: UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation. As a result, energy is dissipated in the form of heat. May play a role in the modulation of tissue resp</p> <p>Synonym: Mitochondrial uncoupling protein 3,UCP3,Solute carrier family 25 member 9</p> |

Target Details

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|-------------------|----------------------------------|
| Molecular Weight: | 32.32 kDa |
| UniProt: | P55916 |
| Pathways: | Proton Transport |

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 |