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Datasheet for ABIN7505387

HSP70 Protein (AA 542-679) (His tag)

Overview

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| Quantity: | 100 µg |
| Target: | HSP70 |
| Protein Characteristics: | AA 542-679 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HSP70 protein is labelled with His tag. |

Product Details

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| Sequence: | Glu 542-Gln 679 |
| Characteristics: | A DNA sequence encoding the Mouse HSP-70/HSPA9 protein (P38647) (Glu 542-Gln 679) was expressed with a N-His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | HSP70 |
| Alternative Name: | HSP-70 (HSP70 Products) |
| Background: | <p>Background: Chaperone protein which plays an important role in mitochondrial iron-sulfur cluster (ISC) biogenesis. Interacts with and stabilizes ISC cluster assembly proteins FXN, NFU1, NFS1 and ISCU.Regulates erythropoiesis via stabilization of ISC assembly.May play</p> <p>Synonym: 75 kDa glucose-regulated protein,GRP-75,Heat shock 70 kDa protein</p> |

Target Details

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| | 9,Mortalin,MOT,Peptide-binding protein 74,PBP74 |
| Molecular Weight: | 15.07 kDa |
| UniProt: | P38647 |

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 |