

Recombinant Mouse Thap4 Protein, Myc/DDK-tagged

Cat. No. Thap4-6406M Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Purified recombinant protein of mouse full-length THAP domain containing 4 (Thap4), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | In vitro catalyzes the heme-based conversion of peroxynitrite into nitrate/NO ₃ ⁻ . May be involved in the detoxification of peroxynitrite which is responsible for the nitration of L-free tyrosine. Also selectively binds nitric oxide/NO in vitro. |
| Molecular Mass | 62.6 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 µg/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | Thap4 THAP domain containing 4 [Mus musculus (house mouse)] |
| Official Symbol | Thap4 |
| Synonyms | THAP4; THAP domain containing 4; THAP domain-containing protein 4; 2010320B01Rik |
| Gene ID | 67026 |
| mRNA Refseq | NM_025920 |
| Protein Refseq | NP_080196 |
| UniProt ID | Q6P3Z3 |

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