

Recombinant Mouse Hk2 Protein, MYC/DDK-tagged

Cat. No. Hk2-1130M Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Purified recombinant protein of full-length mouse hexokinase 2 (Hk2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Broad expression in heart adult (RPKM 28.6), genital fat pad adult (RPKM 13.1) and 16 other tissues. |
| Molecular Mass | 103 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 g/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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| Gene Name | Hk2 hexokinase 2 [Mus musculus (house mouse)] |
| Official Symbol | Hk2 |
| Synonyms | Hk2; hexokinase 2; HKII; A1642394; hexokinase-2; HK II; hexokinase type II; EC 2.7.1.1 |
| Gene ID | 15277 |
| mRNA Refseq | NM_013820 |
| Protein Refseq | NP_038848 |
| UniProt ID | O08528 |

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