

Recombinant Mouse Ckb Protein, MYC/DDK-tagged

Cat. No. Ckb-895M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse creatine kinase, brain (Ckb), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.
Molecular Mass	42.7 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.

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GENE INFORMATION

Gene Name	Ckb creatine kinase, brain [Mus musculus (house mouse)]
Official Symbol	Ckb
Synonyms	Ckb; creatine kinase, brain; Bck; Ck3; B-CK; Ck-3; Ckbb; CPK-B; creatine kinase B-type; creatine kinase B chain; creatine phosphokinase B-type; EC 2.7.3.2
Gene ID	12709
mRNA Refseq	NM_021273
Protein Refseq	NP_067248
UniProt ID	Q04447

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