

Recombinant Mouse Carns1 Protein, MYC/DDK-tagged

Cat. No. Carns1-321M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse expressed sequence AI790298 (cDNA clone MGC:38381 IMAGE:5345551), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in spleen adult (RPKM 15.2), thymus adult (RPKM 15.2) and 17 other tissues.
Molecular Mass	35.8 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 ug/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

Gene Name	Carns1 carnosine synthase 1 [Mus musculus (house mouse)]
Official Symbol	Carns1
Synonyms	Carns1; carnosine synthase 1; Atpgd1; AI790298; mKIAA1394; carnosine synthase 1; ATP-grasp domain containing 1; ATP-grasp domain-containing protein 1; EC 6.3.2.11
Gene ID	107239
mRNA Refseq	NM_134148
Protein Refseq	NP_598909
UniProt ID	E9PX09

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