

Product Data Sheet

Carnitine Acetyltransferase

Catalog #	Source	Reactivity	Applications
CZM1062	Pigeon breast muscle		
Description	Native Carnitine Acetyltransferase from Pigeon breast muscle		
Specificity	>50 U/mg protein, >4 U/mg powder		
Form	Lyophilized powder		
Alternative Names	EC 2.3.1.7; CrAT; acetyl-CoA-carnitine O-acetyltransferase; acetylcarnitine transferase; carnitine acetyl coenzyme A transferase; carnitine acetylase; carnitine acetyltransferase; carnitine-acetyl-CoA transferase; CATC; carnitine O-acetyltransferase		
CAS Number	9029-90-7		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will convert 1 micromole acetyl-L-carnitine and CoA to L-carnitine and acetyl-CoA per minute at pH 8.0, 25°C.		
Storage/Stability	Shipped at 4°C. Store at -20°C for 2 years.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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