

Product Data Sheet

Pyruvate Decarboxylase

Catalog #	Source	Reactivity	Applications
CZM1052	E.coli		
Description	Recombinant Pyruvate Decarboxylase from Microorganism		
Specificity	>5 U/mg protein, >1 U/mg powder		
Form	White lyophilized powder		
Alternative Names	EC 4.1.1.1; PDC; a-carboxylase (ambiguous); pyruvic decarboxylase; a-ketoacid carboxylase; 2-oxo-acid carboxy-lyase		
CAS Number	9001-04-1		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will convert 1 micromole pyruvic acid to acetaldehyde per minute at pH 6.0, 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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