

Product Data Sheet

Pyruvate Oxidase

Catalog #	Source	Reactivity	Applications
CZM1049	E.coli		
Description	Recombinant Pyruvate Oxidase from Microorganism		
Specificity	>50 U/mg protein, >20 U/mg powder		
Form	Lyophilized powder		
Alternative Names	EC 1.2.3.3; PYOD; pyruvate: oxygen 2-oxidoreductase (phosphorylating); pyruvic oxidase; phosphate-dependent pyruvate oxidase		
CAS Number	9001-96-1		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will produce 1 micromole hydrogen peroxide during the conversion of pyruvate and phosphate to acetyl phosphate and carbon dioxide per min at pH 5.7, 37 °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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com