

Product Data Sheet

Lysine Oxidase

Catalog #	Source	Reactivity	Applications
CZM1074	E.coli		
Description	Recombinant Lysine Oxidase from Microorganism		
Specificity	>30 U/mg protein		
Form	Light yellow liquid		
Alternative Names	EC 1.4.3.14; LYO; L-lysine a-oxidase; L-lysyl-a-oxidase; L-lysine oxidase		
CAS Number	70132-14-8		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will product of 1 micromole 6-amino-2-oxohexanoic acid per minute at pH 8.0, 37°C.		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for 1 year. Avoid freeze/thaw cycles.		

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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