

Product Data Sheet

L-Glutamate Oxidase

Catalog #	Source	Reactivity	Applications
CZM1115	E.coli		
Description	Recombinant L-Glutamate Oxidase from E.coli		
Specificity	>50 U/mg protein, >15 U/mg powder		
Form	Yellow lyophilized powder		
Alternative Names	EC 1.4.3.11; glutamate (acceptor) dehydrogenase; glutamate oxidase; glutamic acid oxidase; glutamic dehydrogenase (acceptor); L-glutamic acid oxidase		
CAS Number	39346-34-4		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will form 1 micromole alpha-ketoglutarate from L-glutamic acid per minute at pH 7.4 and 30°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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