

Product Data Sheet

alpha-Ketoglutarate Dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1163	Porcine heart		
Description	Native alpha-Ketoglutarate Dehydrogenase from porcine heart		
Specificity	>0.5 U/mg protein, >0.1 U/mg powder		
Form	White lyophilized powder		
Alternative Names	EC 1.2.4.2; oxoglutarate dehydrogenase (succinyl-transferring); ; 2-ketoglutarate dehydrogenase; 2-oxoglutarate dehydrogenase; AKGDH; alpha-ketoglutarate dehydrogenase; alpha-ketoglutaric acid dehydrogenase; alpha-ketoglutaric dehydrogenase; alpha-oxoglutarate dehydrogenase; ketoglutaric dehydrogenase; OGDC; oxoglutarate dehydrogenase; oxoglutarate dehydrogenase (lipoamide)		
CAS Number	9031-02-1		
Molecular Weight			
Purity	>80%		
Unit Definition	One unit is defined as the amount of enzyme will convert 1 micromole b-NAD to b-NADH in the presence of saturating levels of coenzyme A per minute at pH 7.4, 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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