

Product Data Sheet

D-Fructose Dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1098	Gluconobacter sp.		
Description	Recombinant D-Fructose Dehydrogenase from Gluconobacter sp.		
Specificity	>400 U/mg protein, >20 U/mg powder		
Form	Red-yellowish lyophilized powder		
Alternative Names	EC 1.1.99.11; FrDH; fructose 5-dehydrogenase; D-fructose dehydrogenase; D-fructose:(acceptor) 5-oxidoreductase		
CAS Number	37250-85-4		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will convert 1 micromole D-fructose to 5-ketofructose per minute at pH 4.5, 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

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