

## Product Data Sheet

## Galactose Oxidase

Catalog #	Source	Reactivity	Applications
CZM1145	E.coli		
Description	Recombinant Galactose Oxidase from E.coli		
Specificity	>100 U/mg protein, >30 U/mg powder		
Form	Light white Lyophilized powder		
Alternative Names	EC 1.1.3.9; D-galactose oxidase; $\beta$ -galactose oxidase		
CAS Number	9028-79-9		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will produce $\Delta A_{425} = 1.0$ in the peroxidase and o-toluidine system per minute at pH 6.0, 25°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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