

Luciferase

Catalog #	Source	Reactivity	Applications
CZM1029	Microorganism		
Description	Luciferase from Microorganism		
Specificity	>150 U/mg protein, >10 U/mg powder		
Form	White Lyophilized powder		
Alternative Names	EC 1.14.14.3; Luc; aldehyde monooxygenase; luciferase; Vibrio fischeri luciferase; alkanal, reduced-FMN: oxygen oxidoreductase (1-hydroxylating, luminescing); alkanal, FMNH ₂ : oxygen oxidoreductase (1-hydroxylating, luminescing); alkanal monooxygenase (FMN); aldehyde, FMNH ₂ : oxygen oxidoreductase (1-hydroxylating, luminescing)		
CAS Number	9014-00-0		
Molecular Weight			
Purity	>90%		
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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