For research purposes only, not for human use

# Product Data Sheet

## Glucose Dehydrogenase (FAD-dependent)

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CZM1017 | E.coli | | |

| | |
|---|---|
| **Description** | Recombinant Glucose Dehydrogenase (FAD-dependent) from Microorganism |
| **Specificity** | >300 U/mg powder |
| **Form** | Yellow lyophilized powder |
| **Alternative Names** | EC 1.1.5.9; FAD-GLD; D-glucose:acceptor 1-oxidoreductase; glucose dehydrogenase (Aspergillus); glucose dehydrogenase (decarboxylating); D-glucose: (acceptor) 1-oxidoreductase; Glucose Dehydrogenase (FAD-dependent); FAD-GDH |
| **CAS Number** | 37250-84-3 |
| **Molecular Weight** | |
| **Purity** | >90% |
| **Unit Definition** | One unit is defined as the amount of enzyme will cause the reduction of 1 micromole 2,6-dichlorophenol-indopenol per min at pH 6.5, 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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