

## Product Data Sheet

## Glycerol-3-Phosphate Dehydrogenase

| Catalog #         | Source                                                                                                | Reactivity | Applications |
|-------------------|-------------------------------------------------------------------------------------------------------|------------|--------------|
| CZM1065           | E.coli                                                                                                |            |              |
| Description       | Recombinant Glycerol-3-Phosphate Dehydrogenase from Microorganism                                     |            |              |
| Specificity       | >75 U/mg protein, >5 U/mg powder                                                                      |            |              |
| Form              | White lyophilized powder                                                                              |            |              |
| Alternative Names | EC 1.1.1.8; G3DH                                                                                      |            |              |
| CAS Number        | 9075-65-4                                                                                             |            |              |
| Molecular Weight  |                                                                                                       |            |              |
| Purity            | >90%                                                                                                  |            |              |
| Unit Definition   | One unit is defined as the amount of enzyme will reduce 1 $\mu$ mole NAD per minute at pH 8.0, 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

## COHESION BIOSCIENCES LIMITED

WEB  
[www.cohesionbio.com](http://www.cohesionbio.com)

ORDER  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

SUPPORT  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

CUSTOM  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)