

Recombinant Glucose Dehydrogenase (GDH-FAD)

G1493016

Storage: -20°C. Avoid freeze/thaw cycle.

Introduction:

This product is derived from microorganisms. It catalyzes the dehydrogenation of glucose to produce gluconic acid, and has the advantages of high specific activity and high yield. The coenzyme dependent on this product is FAD, which has better stability and substrate specificity compared with other coenzymes such as NAD and PQQ.

Applications:

Glucose dehydrogenase (GDH) is a type of oxidoreductase that catalyzes the oxidation of glucose to form gluconolactone. It has wide applications in fields such as blood glucose detection, biofuel cells, implantable cardiac pacemakers, and industrial glucose content monitoring.