

## UDP-Glc dehydrogenase (UGDH)

Cat. No.: HY-E70020

Target: Others

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

UDP-Glc dehydrogenase

### BIOLOGICAL ACTIVITY

#### Description

UDP-Glc dehydrogenase (UGDH) catalyzes is a NAD<sup>+</sup>-dependent enzyme that catalyzes the two-fold oxidation of UDP-glucose (UDP-Glc) to produce UDP-glucuronic acid. UDP-Glc dehydrogenase (UGDH) is a key enzyme in the nucleotide-sugar interconversion pathway necessary for biosynthesis of many cell-wall polysaccharides<sup>[1]</sup>.

### REFERENCES

[1]. Jia T, et, al. UDP-Glucose Dehydrogenases: Identification, Expression, and Function Analyses in Upland Cotton (*Gossypium hirsutum*). *Front Genet.* 2021 Jan 11;11:597890.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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