

**YM024954**

UGP1



- 50ul
- 100 uL

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**Description:**

Converts glucose 1-phosphate to UDP-glucose, which is the major glycosyl donor for polysaccharides. Acts redundantly with UGP2 and is essential for the synthesis of sucrose, starch and cell wall, and callose deposition (PubMed:19366709, PubMed:20435647).Involved in the regulation of the programmed cell death (PCD) induced by the fungal toxin fumonisin B1 (FB1) (PubMed:23438466).

**Alternative Names:**

UTP-glucose-1-phosphate uridylytransferase;  
UDPGP 1; UGPase 1;

**Reactivity :** Zea mays

**UniProt :** A0A1D6IAS8

**Mol.Wt. :** 44 kDa

**Application :** WB, IF, IP

**Source :** Mouse

**Clonality :** Monoclonal

**Storage Condition :** Store at -117°C long term.