



## Product Information

### Isoamylase from *Pseudomonas* sp., 200 U/mL

**Cat. No.:** X23-06-YM041

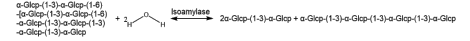
**Size:** 300 U; 600 U; 900 U

**Enzyme Commission Number:** 3.2.1.68

**NACRES:** NA.54

**Synonym:** Alkaline isoamylase; Alpha 1,6-glucan hydrolase; Alpha-1,6-glucosidase

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	Isoamylase from <i>Pseudomonas</i> sp., catalyzes the hydrolysis of the branch linkages of starch that act by an endo-mechanism to give rise to linear maltodextrins with retention of the $\alpha$ -configuration.
<b>Molecular Weight</b>	71.5 kDa
<b>Unit Definition</b>	One unit of isoamylase activity is the amount of enzyme required to release one $\mu$ mole of D-glucose reducing sugar equivalent in the presence of oyster glycogen per min at pH 4.0 and 40°C.
<b>Source</b>	<i>Pseudomonas</i> sp.
<b>Form</b>	Solid
<b>Applications</b>	Isoamylase from <i>Pseudomonas</i> sp., can be used in the industrial manufacture of glucose or maltose from starch.
<b>Storage</b>	Store at 4°C.