

There is a possibility of changing the 'Code' and/or 'Lot No.'

'Protein conc.' and 'Activity' might vary between lots.

Data sheet

Enzyme	;	<b>Fructose 1,6-bisphosphatase</b>
Code	;	FBP-97-01
Lot No.	;	
Protein conc.	;	1~3 mg/ml
Volume	;	1 ml
Form	;	20 mM Tris-HCl (pH 8.0), 10 mM NaCl
Storage	;	-20 °C
Activity	;	1~3 U/ml
Notes	;	For research use only

**Activity measurement**

Reaction mix (2 mM Fructose 1,6-bisphosphate, 50 mM Tris-HCl (pH 7.0), 300 mM NaCl, 0.4 mM NADP<sup>+</sup>, 20 mM MgCl<sub>2</sub>, 5 U/ml Glucose 6-phosphate dehydrogenase, 5 U/ml Glucose phosphate isomerase) was incubated at 65 °C and A<sub>340</sub> was monitored. One unit is defined as the amount of enzyme reducing 1 μmol of NADP<sup>+</sup> ( $\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$ ) per 1 minute using Fructose 1,6-bisphosphate as a substrate.