

Recombinant *Shigella flexneri* fbaA Protein (M1-L359), His-tagged

Cat. No. fbaA-1357S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Shigella flexneri</i> 6His-TEV-G-fbaA(M1-L359 end)-5R protein with a His tag was expressed in <i>E. coli</i>
Species	<i>Shigella flexneri</i>
Source	<i>E. coli</i>
ProteinLength	M1-L359
Description	Catalyzes the aldol condensation of dihydroxyacetone phosphate (DHAP or glyceralone-phosphate) with glyceraldehyde 3-phosphate (G3P) to form fructose 1,6-bisphosphate (FBP) in gluconeogenesis and the reverse reaction in glycolysis.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	fba fructose-bisphosphate aldolase [Shigella flexneri 2a str. 301]
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Official Symbol	fba
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Synonyms	fba; fructose-bisphosphate aldolase; fructose-bisphosphate aldolase; Code: G; COG: COG0191
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Gene ID	1025905
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Protein Refseq	NP_708685
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UniProt ID	P0AB73
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