

FBP2, 1-339 aa, Human, His tag, E.coli

Cat.NO.: TP02097

3th Edition

Synonyms:Fructose-1,6-bisphosphatase isozyme 2,

Description:FBP2 belongs to the FBPase class 1 family. The protein is a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Recombinant human FBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:39 kDa (362aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSM TDRSPFETDMLTLTRYVMEKGRQAKGTGELTQLLNSMLTAIKAISSAVRKA
GLAHL YGIAGSVNVTGDEVKKLDVLSNSLVINMVQSSYSTCVLVSEENKDAITAKEKRGKYVVCFDPLDGSSNIDCL
ASIGTIFAIYRKTSEDEPSEKDALQCGRNIVAAGYALYGSATLVALSTGQGVDLFMLDPALGEFVLVEKDVKIKKKGKI
YSLNEGYAKYFDAATTEYVQKKKFPEDGSAPYGARYVGS MVADVHRTL VYGGIFLYPANQKSPKGKLRLLYECNP
VAYIIEQAGGLATTGTQPVLDVKPEAIHQRVPLILGSPEDVQEYLT CVQKNQAGS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.