

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

**Cat.NO.: TP02098**

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:**39.0 kDa (362aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSM TDRSPFETDMLTLTRYVMEKGRQAKGTGELTQLLNSMLTAIKAISSAVRKA  
GLAHL YGIAGSVNVTGDEVKKLDVLSNSLVINMVQSSYSTCVLVSEENKDAITAKEKRGKYVVCFDPLDGSSNIDCL  
ASIGTIFAIYRKTSEDEPSEKDALQCGRNIVAAGYALYGSATLVALSTGQGVDLFMLDPALGEFVLVEKDVKIKKKGKI  
YSLNEGYAKYFDAATTEYVQKKKFPEDGSAPYGARYVGS MVADVHRTL VYGGIFLYPANQKSPKGKLRLLYECNP  
VAYIIEQAGGLATTGTQPVL DVKPEAIHQRVPLILGSPEDVQEYLTCVQKNQAGS

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.