

32-2320: FBP2 Recombinant Protein

Alternative Name : Fructose-1,6-bisphosphatase isozyme 2,Fructose-1,6-bisphosphatase isozyme 2,FBPase 2,D-fructose-1,6-bisphosphate 1-phosphohydrolase 2,FBP2.

Description

Source : Escherichia Coli. FBP2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 362 amino acids (1-339) and having a molecular mass of 39kDa. FBP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Fructose-1,6-bisphosphatase isozyme 2 (FBP2) is a part of the FBPase class 1 family. FBP2 is a gluconeogenesis regulatory enzyme Which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The FBP2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMTDRSPF ETDMLTLTRY VMEKGRQAKG TGELTQLLNS
MLTAIKAISS AVRKAGLAHL YGIAGSVNVT GDEVKKLDVL SNSLVINMVQ SSYSTCVLVS EENKDAIITA
KEKRGKYVVC FDPLDGSSNI DCLASIGTIF AIYRKTSSEDE PSEKDALQCG RNIVAAGYAL YGSATLVALS
TGQGVDLFML DPALGEFVLV EKDVKIKKKG KIYSLNEG YA KYFDAATTEY VQKKKFPEDG SAPYGARYVG
SMVADVHRTL VYGGIFLYPA NQKSPKGKLR LLYECNPVAY IIEQAGGLAT TGTQPVLVDK PEAIHQRVPL
ILGSPEDVQE YLTCVQKNQA GS.