

FBP2, human recombinant protein
Fructose-1, 6-bisphosphatase isozyme 2.
Catalog # PBV11363r**Specification****FBP2, human recombinant protein - Product info**

Primary Accession	O00757
Concentration	1
Calculated MW	39.0 kDa (362 aa, 1-339 aa + His Tag) kDa

FBP2, human recombinant protein - Additional Info

Gene ID	8789
Gene Symbol	FBP2
Other Names	
Fructose-1, 6-bisphosphatase isozyme 2.	
Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	Specific activity is > 0.16 unit/ml
Sequence	MGSSHHHHHH SGLVPRGSH MGSMTDRSPF ETDMLTLTRY VMEKGRQAKG TGELTQLLNS MLTAIKAISS AVRKAGLAHL YGIAGSVNVT GDEVKKLDVL SNSLVINMVQ SSYSTCVLVS EENKDAIITA KEKRGKYVVC FDPLDGSSNI DCLASIGTIF AIYRKTSSEDE PSEKDALQCG RNIVAAGYAL YGSATLVALS TGQGVDFML DPALGEFVLV EKDVKIKKKG KIYSLNEGYA KYFDAATTEY VQKKKFPEDG SAPYGARYVG SMVADVHRTL VYGGIFLYPA NQKSPKGKLR LLYECNPVAY IIEQAGGLAT TGTQPVLDVK PEAIHQRVPL ILGSPEDVQE YLTCVQKNQA GS

Target/Specificity
FBP2**Format**
Liquid**Storage**
-20°C; 1 mg/ml solution 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 0.15 M NaCl and 1 mM DTT.**FBP2, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FBP2, human recombinant protein - Images

FBP2, human recombinant protein - Background

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.

FBP2, human recombinant protein - References

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Humphray S.J.,et al.Nature 429:369-374(2004).
Gizak A.,et al.Histol. Histopathol. 18:135-142(2003).
Rakus D.,et al.FEBS Lett. 579:5577-5581(2005).