

Recombinant Human FBP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1529	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human FBP1 Protein is produced by our E. coli expression system and the target gene encoding Ala2-Gln338 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 200mM NaCl, 1mM DTT, 1mM EDTA, 20% Glycerol, pH 8.0.		
Gene Symbol	FBP1		
Alternative Names	FBP; Fructose-16-bisphosphatase 1; FBPase 1; D-fructose-16-bisphosphate 1-phosphohydrolase 1; Liver FBPase		
Entrez Gene	2203 (Human)		
SwissProt	P09467 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>MADQAPFDTD VNTLTRFVME EGRKARGTGE LTQLLNSLCT AVKAISSAVR KAGIAHLYGI AGSTNVTGDQ VKKLDVLSND LVMNMLKSSF ATCVLVSEED KHAIIVEPEK RGKYVVCDFP LDGSSNIDCL VSVGTFIGIY RKKSTDEPSE KDALQPGRNL VAAGYALYGS ATMLVLAMDC GVNCFMLDPA IGEFILVDKD VKIKKKGKIY SLNEGYARDF DPAVTEYIQR KKFPPDNSAP YGARYVGSMV ADVHRTLVIYG GIFLYPANKK SPNGKLRLLY ECNPMAYVME KAGGMATTGK EAVLDVIPTD IHQRAPVILG SPDDVLEFLK VYEKHSQAQVE HHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

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