

Recombinant Human FBP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1530	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human FBP1 Protein is produced by our mammalian 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, 10% Glycerol, pH8.0.		
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 reducing SDS-PAGE.		
Chemical Structure	ADQAPFDTDV NTLTRFVMEE GRKARGTGEL TQLLNSLCTA VKAISSAVRK AGIAHLYGIA GSTNVTGDQV KKLDVLSNDL VMNMLKSSFA TCVLVSEEDK HAIIVEPEKR GKYYVCFDPL DGSSNIDCLV SVGTIFGIYR KKSTDEPSEK DALQPGRNLV AAGYALYGSA TMLVLAMDCG VNCFMLDPAI GEFILVDKDV KIKKKGKIYS LNEGARDFD PAVTEYIQRK KFPPDNSAPY GARYVGSMVA DVHRTLVIYGG IFLYPANKKS PNGKLRLLYE CNPMAYVMEK AGGMATTGKE AVLDVIPTDI HQRAPVILGS PDDVLEFLKV YEKHSAQVDH HHHHH		
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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