

Product Data Sheet

Recombinant Human FBP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1529	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human FBP1 Protein is produced by 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	MADQAPFDTD VNTLTRFVME EGRKARGTGE LTQLLSLCT AVKAISSAVR KAGIAHLYGI AGSTNVTGDQ VKKLDVLSND LVMNMLKSSF ATCVLVSEED KHAIIVEPEK RGKYVVC FDP LDGSSNIDCL VSVGTIFGIY RKKSTDEPSE KDALQPGRNL VAAGYALYGS ATMLVLAMDC GVNCFMLDPA IGEFILVDKD VKIKKKGKIY SLNEG YARDF DPAVTEYIQR KKFPPDNSAP YGARYVGSMV ADVHRTL VYG GIFLYPANKK SPNGKLRLLY ECNPMAYVME KAGGMATTGK EAVLDVIPTD IHQRAPVILG SPDDVLEFLK VYEKHS AQVE HHHHHH		
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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		
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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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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