# Human FBP1 protein, His tag (active)

## Cat. No. GTX66988-pro

| | |
|---|---|
| **Applications** | Functional Assay |
| **Species** | Human |

Package
20 µg

## Applications

**Application Note**

Specific activity is > 7000 pmol/min/µg obtained by measuring the increase of NADPH in absorbance at 340 nm resulting from the reduction of NADP. One unit will oxidize 1.0 pmole of fructose 1,6 diphosphate to fructose 6-phosphate and inorganic phosphate per minute at pH 9.5 at 37ºC.

## Properties

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|---|---|
| **Form** | Liquid |
| **Buffer** | 20mM Tris-HCl, 10% Glycerol, 1mM DTT |
| **Preservative** | No preservatives |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. |
| **Concentration** | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| **Region/Sequence** | Full length protein, N-terminal His-Tag; Length: 358 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MADQAPFDTD VNTLTRFVME EGRKARGTGE LTQLLNSLCT AVKAISSAVR KAGIAHLYGI AGSTNVTGDQ VKKLDVLSND LVMNMLKSSF ATCVLVSEED KHAIIVEPEK RGKYVVCFDP LDGSSNIDCL VSVGTIFGIY RKKSTDEPSE KDALQPGRNL VAAGYALYGS ATMLVLAMDC GVNCFMLDPA IGEFILVDKD VKIKKKGKIY SLNEGYARDF DPAVTEYIQR KKFPPDNSAP YGARYVGSMV ADVHRTLVYG GIFLYPANKK SPNGKLRLLY ECNPMAYVME KAGGMATTGK EAVLDVIPTD IHQRAPVILG SPDDVLEFLK VYEKHSAQ |
| **Expression System** | E. coli |
| **Purity** | > 90% by SDS-PAGE. |
| **Conjugation** | Unconjugated |
| **Note** | For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |

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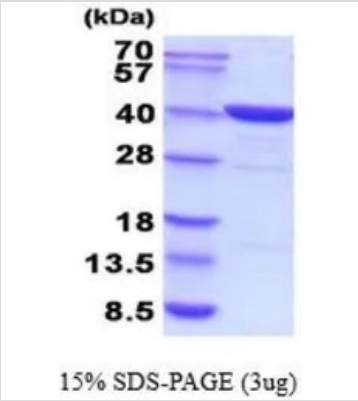
## DATA IMAGES




**GTX66988-pro Image**

3 µg of GTX66988-pro Human FBP1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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