

Human FBP2 protein, His tag (active)

Cat. No. GTX66989-pro
Applications Functional Assay

Species Human

Package

20 µg

Applications

Application Note

Specific activity is > 1500 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 37°C.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 150mM NaCl, 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 4°C. For long-term storage, aliquot and store at -20°C 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: 362 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSMTDRSPF ETDMLTLTRY VMEKGRQAKG TGLTQLLNS MLTAIKAISS AVRKAGLAHL YGIAGSVNVT GDEVKKLDVL SNSLVINMVQ SSYSTCVLVS EENKDAITA KEKRGKYVVC FDPLDGSSNI DCLASIGTIF AIYRKTSEDE PSEKDALQCG RNIVAAGYAL YGSATLVALS TGQGVDLFML DPALGEFVLV EKDVKIKKKG KIYSLNEGYA KYFDAATTEY VQKKKFPEDG SAPYGARYVG SMVADVHRTL VYGGIFLYPA NQKSPKGKLR LLYECNPVAY IIEQAGGLAT TGTQPVLDVK PEAIHQRVPL ILGSPEDVQE YLTCVQKNQA GS

Expression System E. coli

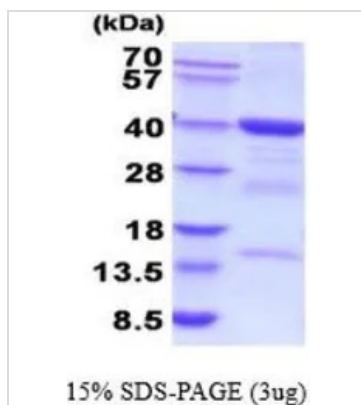
Purity > 90% by SDS-PAGE.

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



GTX66989-pro Image

3 μ g of GTX66989-pro Human FBP2 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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