

FOR IN VITRO RESEARCH USE ONLY.
NOT FOR USE IN HUMANS OR ANIMALS.

Recombinant human PFKP protein



Basic Information

Catalog Number:

Ag25206

Form:

Available lyophilized

Species:

human

Expression Source:

e coli-derived, PET28a, with N-terminal 6^{His}.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Peptide Sequence:

GIADGHRMLAIYDGFDFGAKQIKEIGWTDVGGWTG
QGGSI L G T K R V L P G K Y L E I A T Q M R T H S I N A L L I G G F E
A Y L G L L E S A A R E K H E E F C V P M V M V P A T V S N N V P G S
D F S I G A D T A L N T I T D T C D R I K Q S A S G T K R R V F I I E T M G
G Y C G Y L A N M G G L A A G A D A A Y I F E E P F D I R D L Q S N V E
H L T E K M K T T I Q R G L V L R N E S C S E N Y T T D F I Y Q L Y S E E G
K G V F D C R K N V L G H M Q Q G G A P S P F D R N F G T K I S A R A
M E W I T A K L K E A R G R G K K F T T D D S I C V L G I S K R N V I F Q P
V A E L K K Q T D F E H R I P K E Q W W L K L R P L M K I L A K Y K A S Y D
V S D S G Q L E H V Q P W S V

(436-784 aa encoded by BC029138)

Reconstitution and Storage

Reconstitution:

Reconstitute at 0.25 µg/ µl in 200 µl sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

Shipping:

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the recommended temperature (see below).

Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.

Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

Storage of Reconstituted Protein

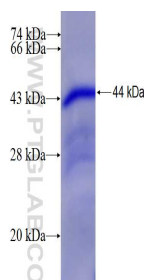
Short Term Storage:

Store at 2-8°C for (1-2 weeks).

Long Term Storage:

Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Selected Validation Data



For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.