

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

Recombinant human GFPT1 protein



Basic Information

Catalog Number:

Ag6855

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:

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

(1-350 aa encoded by BC045641)

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

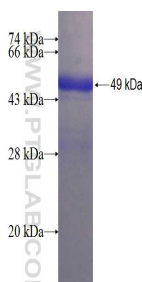
Short Term Storage:

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.