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## 谷氨酰胺果糖-6-磷酸转氨酶 2(GFPT2)重组蛋白

适用生物 Homo sapiens (Human , 人)

产品应用 SDS-PAGE; WB; ELISA; IP. 规格 50ug

分子量 36.4kDa 价格 请咨询当地代理商

纯度 > 95%

来源 原核表达

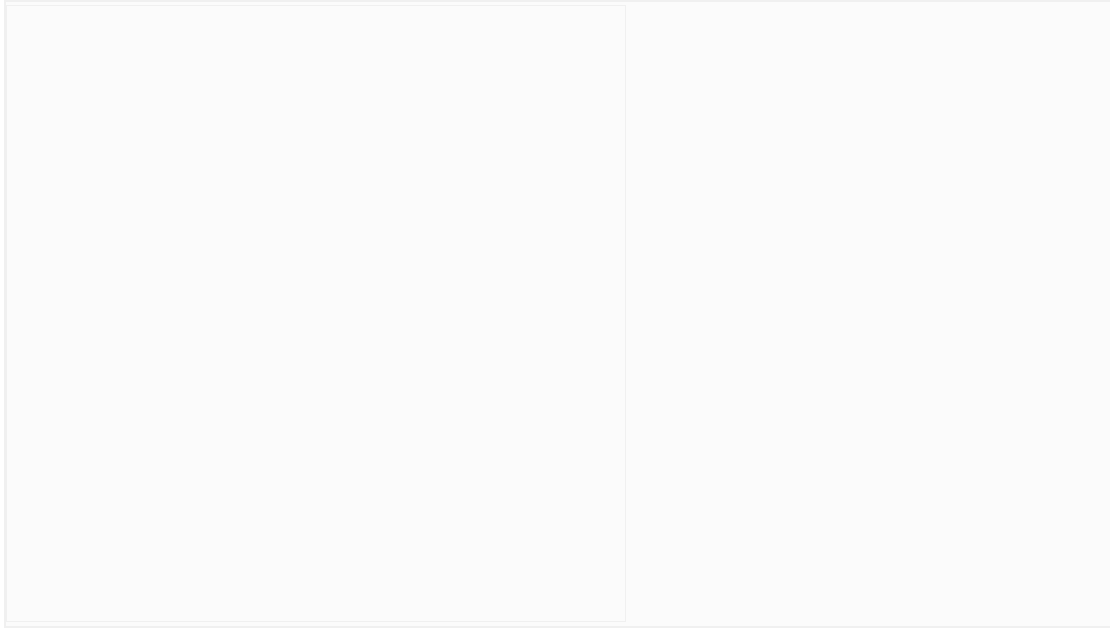
## Recombinant Glutamine Fructose-6-Phosphate Transaminase 2 (GFPT 2)

FOR IN VITRO AND RESEARCH USE ONLY, NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES!

Organism species	Homo sapiens (Human)
Product No.	YBD864Hu01
Source	Prokaryotic expression
Host	E. coli
Purity	> 95%
UOM	50ug
Predicted Molecular Mass	36.4kDa
Applications	SDS-PAGE; WB; ELISA; IP.
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Residues	Cys2~Gly288 with two N-terminal Tags, His-tag and T7-tag



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**Formulation** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

## SEQUENCES

The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.

```
CGIFAYMNY RVPRTKEIF ETLIKGLQRL EYRGYDSAGV AIDGNNHEVK ERHIQLVKKR GKVKAL  
DEEL YKQDSMDLKV EFETHFGIAH TRWATHGVPS AVNSHPQRS DKGNEFVVIHN GIITNYKDLR  
KFLESKGYEF ESETDTETIA KLIKVFVFN R ETEDITFSTL VERVIQQLEG AFALVFKSVH YPGEAVA  
TRR GSPLLIGVRS KYKLSTEQIP ILYRTCTLEN VKNICKTRMK RLDSSACLHA VGDKAVEFFF AS  
DASAIIEH TNRVIFLEDD DIAAVADG
```

## USAGE

Reconstitute in sterile PBS, pH7.2-pH7.4.

## STORAGE AND STABILITY

**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Bi



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ological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

### About the **MARKER (complimentary)**

**Effective Size Range:** 10kDa to 70kDa.

**Protein bands:** 10kDa, 14kDa, 18kDa, 22kDa, 26kDa, 33kDa, 44kDa and 70kDa.

**Double intensity bands:** The 26kDa, 18kDa, 10kDa bands are at double intensity to make location and size approximation of proteins of interest quick and easy.

**Ready-to-use:** No need to heat, dilute or add reducing agents before use.