

For Research Use Only

Recombinant Human SHBG protein (His Tag)



Catalog Number: Eg0369

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
His Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Human SHBG protein Leu30-His402 (Accession# P04278-1) with a His tag at the C-terminus.

GeneID:

6462

Accession:

P04278-1

Predicted Molecular Mass:

44.3 kDa

SDS-PAGE:

43-55 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

SHBG (sex hormone-binding globulin), also known as androgen-binding protein (ABP), is the specific transport protein for sex steroid hormones in humans. SHBG is synthesized mainly by the liver and circulates in the blood. Alteration of SHBG levels have been linked to risks of insulin resistance, cardiovascular disease, male infertility and other diseases.

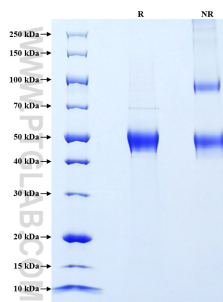
References

1. Elif Aribas. et al. J Clin Endocrinol Metab. 2021;106(10):2890-2900.
2. Luca Boeri. Et al. Endocr Connect. 2020 Jul;9(7):658-666.

Synonyms

SHBG, SBP, Sex hormone-binding globulin, Sex steroid binding protein, Sex steroid-binding protein

Selected Validation Data



Purity of Recombinant Human SHBG was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

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

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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