

Recombinant Rat SHBG/ABP protein (His tag)

Catalog Number: PDMR100021



Note: Centrifuge before opening to ensure complete recovery of vial contents.

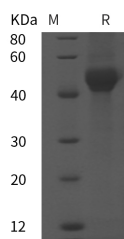
Description

Synonyms	Sex hormone-binding globulin;SHBG;Sex steroid-binding protein;SBP;Testis-specific androgen-binding protein;ABP
Species	Rat
Expression Host	HEK293 Cells
Sequence	Met1-His403
Accession	P08689
Calculated Molecular Weight	44.2 kDa
Observed molecular weight	45 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Functions as an androgen transport protein, but may also be involved in receptor mediated processes. Each dimer binds one molecule of steroid. Specific for 5- α -dihydrotestosterone, testosterone, and 17- β -estradiol. Regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration.

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