

## Recombinant Rat SHBG/ABP Protein (His Tag)

Catalog Number: PDMR100090

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

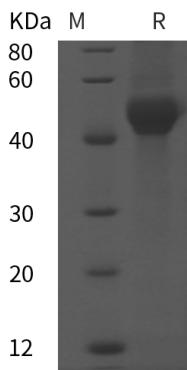
### Description

|               |   |
|---------------|---|
| Species       | Rat   |
| Source        | HEK293 Cells-derived Rat SHBG protein Met1-His403, with an C-terminal His |
| Calculated MW | 44.2 kDa  |
| Observed MW   | 45 kDa  |
| Accession     | P08689  |
| Bio-activity  | Not validated for activity  |

### Properties

|                |   |
|----------------|---|
| Purity         | > 95% as determined by reducing SDS-PAGE.   |
| Endotoxin      | < 1.0 EU/mg of the protein as determined by the LAL method  |
| 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 a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.   |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.  |

### Data



### 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-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. Regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration.

### For Research Use Only

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