



Sex Hormone-Binding Globulin Human Recombinant

Item Number	rAP-3998
Synonyms	Sex hormone-binding globulin, SHBG, Sex steroid-binding protein, SBP, Testis-specific androgen-binding protein, ABP, Testosterone-estradiol-binding globulin, TeBG, Testosterone-estrogen-binding globulin, SHBG.
Description	SHBG Human Recombinant produced in CHO cells is a single, glycosylated, polypeptide chain containing a total of 428 amino acids, having a molecular mass of 46.79kDa (calculated), the SHBG is fused to a 6 a.a C-terminal His tag and also includes a myc-epitope. The Human SHBG is purified by proprietary chromatography.
Uniprot Accession Number	P04278
Amino Acid Sequence	AAQPARRARR TKLLLLLLLL LRHTRQGWAL RPYLPTQSAH DPPAVHLSNG PGQEPIAVMT FDLT-KITKTS SSFEVRTWDP EGVIFYGDTN PKDDWFMLGL RDGRPEIQLH NHWAQLTVGA GPRLDDGRWH QVEVKMEGDS VLLEVDGEEV LRLRQVSGPL TSKRHPIMRI ALGGLLPAS NLRPLVPAL DGCLRRDSWL DKQAEISASA PTLRSCDVE SNPGIFLPPG TQAEFNLRDI PQPHAEPWAF SLDLGLKQAA GSGHLLALGT PENPSWLSLH LQDQKVVLS GSGPGLDLPL VLGLPLQLKL SMSRVLSQG SKMKALALPP LGLAPLLNLW AKPQGRLFLG ALPGEDSSTS FCLNGLWAQG
Source	CHO cells.
Physical Appearance and Stability	Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SHBG filtered (0.4 µm) solution at a concentration of 1mg/ml in certified FBS (Fetal Bovine Serum).
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**