

Product datasheet for **AR05240PU-S**

SHBG Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SHBG human protein, 0.1 mg
Species:	Human
Purity:	>90% by SDS PAGE
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: 0.02M NH ₄ HCO ₃
Reconstitution Method:	Reconstitute with 0.1ml distilled water.
Preparation:	Lyophilized purified protein
Applications:	Immunoassay.
Protein Description:	This protein is a sex hormone binding globulin, is a 45 kDa plasma glycoprotein dimer. It is an androgen transport protein which binds and regulates the free concentration of steroid hormones and is involved in steroid signalling at the cell membrane.
Storage:	Store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001031
Locus ID:	6462
UniProt ID:	P04278 , B0FWH2
Cytogenetics:	17p13.1
Synonyms:	ABP; SBP; TEBG
Summary:	This gene encodes a steroid binding protein that was first described as a plasma protein secreted by the liver but is now thought to participate in the regulation of steroid responses. The encoded protein transports androgens and estrogens in the blood, binding each steroid molecule as a dimer formed from identical or nearly identical monomers. Polymorphisms in this gene have been associated with polycystic ovary syndrome and type 2 diabetes mellitus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Protein Families:	Druggable Genome, Secreted Protein



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