



Human SRD5A2 blocking peptide (CDBP2810)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SRD5A2 antibody
Antigen Description	This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH). [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SRD5A2 steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2) [Homo sapiens]
Official Symbol	SRD5A2
Synonyms	SRD5A2; steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2); 3-oxo-5-alpha-steroid 4-dehydrogenase 2; S5AR 2; SR type 2; 5

alpha-SR2; type II 5-alpha reductase; steroid 5-alpha-reductase 2; 3-oxo-5 alpha-steroid 4-dehydrogenase 2; MGC138457;

Entrez Gene ID	6716
mRNA Refseq	NM_000348
Protein Refseq	NP_000339
UniProt ID	P31213
Chromosome Location	2p23.1
Pathway	Androgen biosynthesis, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Metabolism of steroid hormones and vitamins A and D, organism-specific biosystem; Prostate cancer, organism-specific biosystem; Prostate cancer, conserved biosystem; Steroid hormone biosynthesis, organism-specific biosystem;
Function	3-oxo-5-alpha-steroid 4-dehydrogenase activity; sterol 5-alpha reductase activity;