

Recombinant Full Length Human SRD5A2 Protein

Cat. No. SRD5A2-655HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SRD5A2 was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	254 amino acids
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).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	28 kDa
AA Sequence	MQVQCQQSPV LAGSATLVAL GALALYVAKP SGYGKHTESL KPAATRLPAR AAWFLQELPS FAVPAGILAR QPLSLFGPPG TVLLGLFCLH YFHRTFVYSL LNRGRYPYPAI LILRGTAFACT GNGVLQGYLL IYCAEYPDGW YTDIRFSLGV FLFILGMGIN IHSDYILRQL RKPGEISYRI PQGGLFTYVS GANFLGEIIE WIGYALATWS LPALAFAPFS LCFLGLRAFH HHRFYLMKFE DYPKSRKALI PFIF
Applications	Antibody Production; Functional Study: Recommended usage only, not validated yet.

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Compound Screening: Recommended usage only, not validated yet.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

Gene ID 6716

mRNA Refseq NM_000348

Protein Refseq NP_000339

MIM 607306

UniProt ID P31213

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