

Recombinant Full Length Human SRD5A1 Protein, GST-tagged

Cat. No. SRD5A1-495HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SRD5A1, fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	259 amino acids
Description	Steroid 5-alpha-reductase (EC 1.3.99.5) catalyzes the conversion of testosterone into the more potent androgen, dihydrotestosterone (DHT). Also see SRD5A2 (MIM 607306).
Molecular Mass	54.23 kDa
AA Sequence	MATATGVAEE RLLAALAYLQ CAVGCAVFAR NRQTNSVYGR HALPSHRLRV PARAAWVQEQ LPSLALPLYQ YASESAPRLR SAPNCILLAM FLVHYGHRCL IYPFLMRGGK PMPLACTMA IMFCTCNGYL QSRYLSCAV YADDWVTDPR FLIGFGLWLT GMLINIHS DH ILRNLRKPGD TGYKIPRGGL FEYVTAANYF GEIMEWCGYA LASWSVQGAA FAFFTFCLFLS GRAKEHHEWY LRFEEYPKF RKIIIPFLF
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name SRD5A1 steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1) [Homo sapiens (human)]

Official Symbol SRD5A1

Synonyms SRD5A1; steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1); 3-oxo-5-alpha-steroid 4-dehydrogenase 1; S5AR; SR type 1; 3 oxo 5 alpha steroid 4 dehydrogenase 1; 3 Oxo 5 alpha steroid delta 4 dehydrogenase alpha 1; 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1,5-alpha reductase; 3-oxo-5-alpha-steroid 4-dehydrogenase 1; 5 alpha reductase; S5A1_HUMAN; S5AR 1; SRD5A 1; Srd5a1; Steroid 5 alpha reductase 1; Steroid 5 alpha reductase alpha polypeptide 1 (3 oxo 5 alpha steroid delta 4 dehydrogenase alpha 1); Steroid 5 alpha reductase alpha polypeptide 1; Steroid 5 alpha reductase type I; Steroid 5-alpha-reductase 1; SR type 1; 5-alpha reductase; steroid 5-alpha-reductase 1; steroid 5-alpha-reductase type I; 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1; S5AR 1

Gene ID 6715

mRNA Refseq NM_001047

Protein Refseq NP_001038

MIM 184753

UniProt ID P18405

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