Recombinant Human SRD5A1 protein, His-tagged

Cat. No. SRD5A1-2624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRD5A1 protein(1-163 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-163 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MATATGVAEERLLAALAYLQCAVGCAVFARNRQTNSVYGRHALPSHRLRVPARAA WVVQELPSLALPLYQYASESAPRLRSAPNCILLAMFLVHYGHRCLIYPFLMRGGKPM PLLACTMAIMFCTCNGYLQSRYLSHCAVYADDWVTDPRFLIGFGLWLTGML
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage.

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	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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