

Recombinant Full Length Pig 3-Oxo-5-Alpha-Steroid 4-Dehydrogenase 2(Srd5A2) Protein, His-Tagged

Cat. No. RFL18692SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig 3-oxo-5-alpha-steroid 4-dehydrogenase 2(SRD5A2) Protein (O18765) (1-254aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length (1-254)
Form	Lyophilized powder
AA Sequence	MPVRCQQSPVLGASATLAALGALALYFAEPSGYGKYTESLTPAAIRLPARAAWFLQE LPS FVVPAGILAGQPRSLFGPPATVLLGLFCAHYFHRTFVYSLLTRGRPFPVFLFR GFVFCEM GNLLQGYYLVYCAEYPAEWYTDIRFSLGVFLFILGMGINIHSDYILRQLRK PGEVIYKI PQGGLFTYVSGANFLGEIIEWIGYALATWSLPALAFAFFSLCFLGLRAFHH HRFYVKMFE DYPKSRKALIPFIF
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SRD5A2
Synonyms	SRD5A2; ST5AR2; 3-oxo-5-alpha-steroid 4-dehydrogenase 2; 5 alpha-SR2; SR type 2; Steroid 5-alpha-reductase 2; S5AR 2
UniProt ID	O18765