

# Human AKR1D1 Recombinant Protein



RPPB5797

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## Product Information    Protein Information

**Product SKU:**

RPPB5797

**Accession:**

P51857

**Host:**

Escherichia Coli.

**Protein description:**

AKR1D1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 346 amino acids (1-326 a.a.) and having a molecular mass of 39.5kDa. The AKR1D1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

3-oxo-5-beta-steroid 4-dehydrogenase, Aldo-keto reductase family 1 member D1, Delta(4)-3-ketosteroid 5-beta-reductase, Delta(4)-3-oxosteroid 5-beta-reductase, KR1D1, SRD5B1, CBAS2, 3o5bred.

**Formulation:**

The AKR1D1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 100mM NaCl.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MDLSAASHRI PLSDGNSIPI IGLGTYSEPK STPKGACATS VKVAIDTGYR  
HIDGAYIYQN EHEVGEAIRE KIAEGKVRRE DIFYCGKLWA TNHVPPEMVRP TLERTLRVLQ LDYVDLYIIE  
VPMFAFKPGDE IYPRDENGKW LYHKSNL CAT WEAMEACKDA GLVKSLGVSF FNRRQLELIL NKPGLKHKPV  
SNQVECHPYF TQP KLLKFCQ QHDIVITAYS PLGTSRNP IW VNVSSPPLLK DALLNSLGKR YNKTAQIVL  
RFNIQRGVVV IPKSFNLERI KENFQIFDFS LTEEEMKDIE ALNKNVRFVE LLMWRDHPEY PFHDEY.