

Aldo-Keto Reductase Family 1 Member D1 Human Recombinant

Item Number	rAP-1810
Synonyms	3-oxo-5-beta-steroid 4-dehydrogenase, Aldo-Keto Reductase Family 1, Member D1, SRD5B1, Delta(4)-3-Ketosteroid 5-Beta-Reductase, Delta 4-3-Ketosteroid-5-Beta-Reductase, Delta(4)-3-Oxosteroid 5-Beta-Reductase, CBAS2,
Description	AKR1D1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 326 amino acids (1-326 a.a.) and having a molecular mass of 37.3kDa.
Uniprot Accession Number	P51857
Amino Acid Sequence	MDLSAASHRI PLSDGNSIPI IGLGTYSEPK STPKGACATS VKVAIDTGYR HIDGAYIYQN EHEVGEAIRE KIAEGKVRRE DIFYCGKLWA TNHVPPEMVRP TLERTLRVLQ LDYVDLYIIE VPMFAFKPGDE IYPRDENGKW LYHKSNLGAT WEAMEACKDA GLVKSLGVSF FNRRQLELIL NKPGLKHKPV SNQVECHPYF TQPKLLKFCQ QHDIVITAYS PLGTSRNPWF VNVSSPPLLK DALLNSLGKR YNKTAQIVL RFNIQRGVVV IPKSFNLERI KENFQIFDFS LTEEMKDIE ALNKNVRFVE LLMWRDHPEY PFHDEY.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The AKR1D1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.5), 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**