

NAD (P) Dependent Steroid Dehydrogenase-Like Human Recombinant

Item Number	rAP-4085
Synonyms	H105E3, SDR31E1, XAP104, Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating, Protein H105e3, NSDHL.
Description	NSDHL Human Recombinant produced in E. coli is a single polypeptide chain containing 320 amino acids (1-297) and having a molecular mass of 35.5kDa. NSDHL is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15738
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEPAVSE PMRDQVARTH LTEDTPKVNA DIEKVNQNQA KRCTVIGGSG FLGQHMVEQL LARGYAVNVF DIQQGFDNPQ VRFFLGDLCS RQDLYPALKG VNTVFHCASP PPSSNNKELF YRVNYIGTKN VIETCKEAGV QKLILTSSAS VIFEGVDIKN GTEDLPYAMK PIDYYTETKI LQERAVLGAN DPEKNFLT TA IRPHGIFGPR DPQLVPILIE AARNGKMKFV IGNKKNLVDF TFVENVVHGH ILAAEQLSRD STLGGKAFHI TNDEPIPFWT FLSRILTGLN YEAPKYHIPY.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 NSDHL solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Greater than 80% 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**