Recombinant Human NSDHL protein, His-tagged

Cat. No. NSDHL-3515H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSDHL protein(1-303 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-303 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	MEPAVSEPMRDQVARTHLTEDTPKVNADIEKVNQNQAKRCTVIGGSGFLGQHMVE QLLARGYAVNVFDIQQGFDNPQVRFFLGDLCSRQDLYPALKGVNTVFHCASPPPSS NNKELFYRVNYIGTKNVIETCKEAGVQKLILTSSASVIFEGVDIKNGTEDLPYAMKPID YYTETKILQERAVLGANDPEKNFLTTAIRPHGIFGPRDPQLVPILIEAARNGKMKFVIG NGKNLVDFTFVENVVHGHILAAEQLSRDSTLGGKAFHITNDEPIPFWTFLSRILTGLN YEAPKYHIPYWVAYYL
Purity	95%, 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

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	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NSDHL NAD(P) dependent steroid dehydrogenase-like [Homo sapiens]
Official Symbol	NSDHL
Synonyms	NSDHL; NAD(P) dependent steroid dehydrogenase-like; sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating; H105e3; SDR31E1; short chain dehydrogenase/reductase family 31E; member 1; XAP104; protein H105e3; short chain dehydrogenase/reductase family 31E, member 1; H105E3;
Gene ID	50814
mRNA Refseq	NM_001129765
Protein Refseq	NP_001123237
MIM	300275
UniProt ID	Q15738

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