

Recombinant Human NSDHL protein, GST-tagged

Cat. No. NSDHL-1371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSDHL protein(1-303 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-303 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MEPAVSEPMRDQVARTHLTEDTPKVNADIEKVNQNQAKRCTVIGGSGFLGQHMVE QLLARGYAVNVFDIQQGFDNPQVRFFLGDLCSRQDLYPALKGVNTVFHCASPPSS NNKELFYRVNYIGTKNVIETCKEAGVQKLILTSSASVIFEGVDIKNGTEDLPYAMKPID YYTETKILQERAVLGANDPEKNFLTТАIRPHGIFGPRDPQLVPILIEAARNGKMKFVIG NGKNLVDFTFVENVVHGHILAAEQLSRDSTLGGKAFHITNDEPIPFWTFLSRILTGLN YEAPKYHIPYWVAYYL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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SDS-PAGE



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