

## Product datasheet for **AR51280PU-S**

### NSDHL (1-297, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	NSDHL (1-297, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEPAVSE PMRDQVARTH LTEDTPKVNA DIEKVNQNQA KRCTVIGGSG FLGQHMVEQL LARGYAVNVF DIQQGFDNPQ VRFLLGDLCS RQDLYPALKG VNTVFCASP PPSSNNKELF YRVNYIGTKN VIETCKEAGV QKLILTSSAS VIFEGVDIKN GTEDLPYAMK PIDYYTETKI LQERAVLGAN DPEKNFLT TA IRPHGIFGPR DPQLVPILIE AARNGKMKFV IGNGKNLVDF TFVENVHGH ILAAEQLSRD STLGGKAFHI TNDEPIPFWT FLSRILTGLN YEAPKYHIPY
Tag:	His-tag
Predicted MW:	35.5 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NSDHL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001123237</a>
Locus ID:	50814
UniProt ID:	<a href="#">Q15738</a> , <a href="#">A0A384NPZ7</a>
Cytogenetics:	Xq28
Synonyms:	H105E3; SDR31E1; XAP104



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**Summary:**

The protein encoded by this gene is localized in the endoplasmic reticulum and is involved in cholesterol biosynthesis. Mutations in this gene are associated with CHILD syndrome, which is a X-linked dominant disorder of lipid metabolism with disturbed cholesterol biosynthesis, and typically lethal in males. Alternatively spliced transcript variants with differing 5' UTR have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:**

Transmembrane

**Protein Pathways:**

Metabolic pathways, Steroid biosynthesis

**Product images:**