

Recombinant Human NPL, His-tagged

Cat. No. NPL-1344H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPL protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-193aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	NPL N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase) [Homo sapiens]
Official Symbol	NPL
Synonyms	NPL; N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase); C1orf13, chromosome 1 open reading frame 13; N-acetylneuraminate lyase; DHGPS1; dihydrodipicolinate synthetase homolog 1 (E. coli); NPL1; NALase; sialic acid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	aldolase; sialate-pyruvate lyase; N-acetylneuraminic acid aldolase; dihydrodipicolinate synthetase homolog 1; NAL; C112; C1orf13; MGC61869; MGC149582;
Gene ID	80896
mRNA Refseq	NM_001200050
Protein Refseq	NP_001186979
MIM	611412
UniProt ID	Q9BXD5
Chromosome Location	1q25
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem;
Function	N-acetylneuraminate lyase activity; lyase activity;

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