

Recombinant Human NPL Protein, GST-tagged

Cat. No. NPL-6034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPL full-length ORF (AAH58003.1, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	N-acetylneuraminate pyruvate lyase (EC 4.1.3.3) controls the cellular concentration of sialic acid by catalyzing the conversion of sialic acid into acylmannosamines and pyruvate (Wu et al., 2005 [PubMed 16147865]).[supplied by OMIM]
Molecular Mass	53.2 kDa
AA Sequence	MAFPKKKLQGLVAATITPMTENGEINFSVIGQYVDYLVKEQGVKNIFVNGTTGEGLSL SVSERRQVAEEWVTGKDKLDQVIHVGALSCLKESQELAQHAAEIGADGIAVIAPFFL KPWTKDILINFLKEVAAAAPALPFYYYHIPALTGVKIRAEELLDGILDKIPTFQGLKFSD TDLLDFGQCVDQNRQQQFAFLFGVDEFCIQRFINFVVKLENSKLKVSKNQRTLPLGT TNFPFLH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

 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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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 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

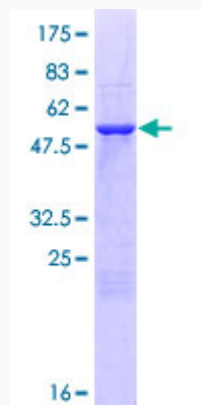
MIM 611412

UniProt ID Q9BXD5

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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