

## Recombinant Human NPRL2, His-tagged

**Cat. No.** NPRL2-29156TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 1-330 of Human NPRL2 with N terminal His tag; MWt 38kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-330 a.a.
<b>Description</b>	NPRL2 is homologous to yeast nitrogen permease and is a candidate tumor suppressor, being a negative regulator of cell cycle. Most abundant in skeletal muscle, followed by brain, liver, and pancreas, with lower amounts in lung, kidney, placenta, and heart. Expressed in most lung cancer cell lines tested. There are two isoforms, produced by alternative splicing.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 121 µl aqua dest
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino</b>	MGSGCRIECIFFSEFHPTLGPKITYQVPEDFISRELFDTV QVYIITKPELQNKLITVTAM

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**acids**

EKKLIGCPVCIEHKKYSR NALLFNLGFVCDAAKTCALPEIVKLAGYLTTLELES SF  
 VSMEESKQKLVPIMTILLEELNASGRCTLPIDESNT IHLKVIEQRPDPPVAQEYDVPV  
 FTKDKEDFFNSQWDLTTQQILPYIDGFRHIQKISAEADVELNLVRIAIQNLLYYGV VTL  
 VSILQYSNVYCPTPKVQDLVDDKSLQEACLSYVTK QGHKRASLRDVFQLYCSLSPG  
 TTVRDLIGRHPQQLQHV DERKLIQFGLMKNLIRRLQKYP

## GENE INFORMATION

**Gene Name** [NPRL2 nitrogen permease regulator-like 2 \(S. cerevisiae\) \[ Homo sapiens \]](#)

**Official Symbol** [NPRL2](#)

**Synonyms** NPRL2; nitrogen permease regulator-like 2 (S. cerevisiae); tumor suppressor candidate 4 , TUSC4; nitrogen permease regulator 2-like protein; NPR2; NPR2L;

**Gene ID** [10641](#)

**mRNA Refseq** [NM\\_006545](#)

**Protein Refseq** [NP\\_006536](#)

**MIM** [607072](#)

**Uniprot ID** [Q8WTW4](#)

**Chromosome Location** 3p21.3

**Function** protein binding; protein kinase activity;

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