

Recombinant Human NPRL2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-330 of Human NPR2L with N terminal His tag; MWt 38kDa.
Species	Human
Source	E.coli
ProteinLength	1-330 a.a.
Description	NPR2L 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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 121 µl aqua dest
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MGSGCRIECIFFSEFHPTLGPKITYQVPEDFISRELFDTV QVYIITKPELQNKLTIVTAM

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acids

EKKLIGCPVCIEHKKYSR NALLFNLGFVCDAAKTCALPPIVKKLAGYLTITLELES 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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