

Recombinant Human NEDD4L 293 Cell Lysate

Cat. No. NEDD4L-3885HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for neural precursor cell expressed, developmentally down-regulated 4-like (NEDD4L), transcript variant d is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

NEDD4L neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase [Homo sapiens]

Official Symbol

NEDD4L

Synonyms

NEDD4L; neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase; neural precursor cell expressed, developmentally down regulated 4 like; E3 ubiquitin-protein ligase NEDD4-like; KIAA0439; NEDD4 2; RSP5; ubiquitin-protein ligase Rsp5; NEDD4-2; NEDD4.2; hNEDD4-2; FLJ33870;

Gene ID

23327

mRNA Refseq

NM_001144964

Protein Refseq

NP_001138436

MIM

606384

UniProt ID

Q96PU5

**Chromosome
Location**

18q21

Pathway

Adaptive Immune System, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium

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reabsorption, conserved biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;

Function

acid-amino acid ligase activity; ligase activity; protein binding; sodium channel inhibitor activity; sodium channel regulator activity; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

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