

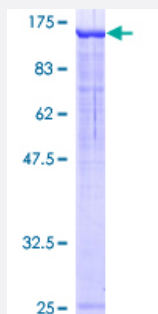
Full-Length

NEDD4L (Human) Recombinant Protein (P01)

Catalog # H00023327-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NEDD4L full-length ORF (AAH32597, 1 a.a. - 911 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATGLGEPVYGLSEDEGESRILRVKVVSGIDLAKKIDFGASDPYVKLSLYADENRELALVQTKTIK
KTLNPKWNEEFYFRVNPNSNHRLLFEVFDENRLTRDDFLGQVDVPLSHLPTEDPTMERPYTFKDFL
LRPRSHKSRVKGFLRLK MAYMPKNGGQDEENS DQRDDMEHGWEVVD SNDSASQHQEELPPP
PLPPGWEEKVDNLGRYYVNHNNRTTQWHRPSLMDVSSSEDNNIRQINQEAHRRFRSRRHISE
DLEPEPSEGGDVPEPWETISEEVNIAGDSLGLALPPPPASPGSRTSPQELSEELSRRLQITPSN
GEQFSSLIQREPSSRLRSCSVTDAVAEQGHLPLAEDGASGSATNSNNHLEPQIRRPRLSSPT
VTLSAPLEGAKDSPVRAVKDTLSNPQSPQSPYNSPKPQHKVTQSFLPPGWEMRIAPNGRPFF
IDHNTKTTTWEDPRLKFPVHMRSKTSLNPNDLGPLPPGWEERHLDGRTFYDHNSKITQWEDPRL
QNPAITGPAVPYSREFKQKYDYFRKKLKKPADIPNRFEMKLHRNNIFEESYRRIMSVKRPDVLKAR
LWIEFESEKGLDYGGVAREWFFLLSKEMFNPYYGLFEYSATDNYTLQINPNSGLCNEDHLSYFTFI
GRVAGLAVFHGKLLDGFFIRPFYKMMLGKQITLNDMESVDSEYNSLKWILENDPTGLDLMFCIDE
ENFGQTYQVDLKPNGSEIMVTNENKREYIDLVIQWRVNRVQKQMNAFLEGFTTELLPIDLIKIFDEN
ELELLMCGLGDVDVNDWRQHSYKNGYCPNHPVIQWFWKAVLLMDAEKRIRLLQFVTGTSRVPM
NGFAELYGSNGPQLFTIEQWGSPEKL PRAHTCFNRDLPPYETFEDLREKLLMAVENAQQGFEGV
D

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

125.99

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NEDD4L

Entrez GeneID	23327
GeneBank Accession#	BC032597
Protein Accession#	AAH32597
Gene Name	NEDD4L
Gene Alias	FLJ33870, KIAA0439, NEDD4-2, RSP5, hNedd4-2
Gene Description	neural precursor cell expressed, developmentally down-regulated 4-like
Omim ID	606384
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	neural precursor cell expressed, developmentally down-regulated gene 4-like ubiquitin-protein ligase NEDD4-like ubiquitin-protein ligase Rsp5

Publication Reference

- [Loss of Fragile X Protein FMRP Impairs Homeostatic Synaptic Downscaling through Tumor Suppressor p53 and Ubiquitin E3 Ligase Nedd4-2.](#)

Lee KY, Jewett KA, Chung HJ, Tsai NP.

Human Molecular Genetics 2018 Aug; 27(16):2805.

Application: IP-WB, WB-Re, Mouse, Cortical neuron cells

- [Ehrlichia chaffeensis TRP120 Moonlights as a HECT E3 Ligase Involved in Self- and Host Ubiquitination To Influence Protein Interactions and Stability for Intracellular Survival.](#)

Zhu B, Das S, Mitra S, Farris TR, McBride JW.

Infection and Immunity 2017 Aug; 85(9):e00290.

Application: PI, WB-Re, Recombinant protein

- [Regulation of Itch and Nedd4 E3 Ligase Activity and Degradation by LRAD3.](#)

Noyes NC, Hampton B, Migliorini M, Strickland DK.

Biochemistry 2016 Mar; 55(8):1204.

Application: ELISA, Func, Recombinant protein

Pathway

- [Endocytosis](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypotension](#)
- [Tobacco Use Disorder](#)