

# Recombinant Human NEDD4, GST-tagged

**Cat. No.** NEDD4-1252H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NEDD4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-350aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NEDD4 neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase [ Homo sapiens ]                                                                                                                      |
| <b>Official Symbol</b> | NEDD4                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | NEDD4; neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase; neural precursor cell expressed, developmentally down regulated 4; E3 ubiquitin-protein ligase NEDD4; KIAA0093; MGC176705; NEDD4 1; |

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|                            | receptor potentiating factor 1; RPF1; NEDD-4; receptor-potentiating factor 1; cell proliferation-inducing gene 53 protein; neural precursor cell expressed developmentally down-regulated protein 4; NEDD4-1;                                                                                                                                                                     |
| <b>Gene ID</b>             | <a href="#">4734</a>                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>         | <a href="#">NM_006154</a>                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>      | <a href="#">NP_006145</a>                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>                 | <a href="#">602278</a>                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>          | <a href="#">P46934</a>                                                                                                                                                                                                                                                                                                                                                            |
| <b>Chromosome Location</b> | 15q                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; |
| <b>Function</b>            | RNA polymerase binding; acid-amino acid ligase activity; beta-2 adrenergic receptor binding; ligase activity; phosphoserine binding; phosphothreonine binding; proline-rich region binding; proline-rich region binding; protein binding; protein domain specif                                                                                                                   |