

## Recombinant Human N4BP3 protein, GST-tagged

**Cat. No.** N4BP3-1161H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human N4BP3 protein(198-544 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 198-544 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | GRSPGTGSPFSSSLGHLNHLGGSLDRASQGPKEAGPPAVLSCLPEPPPPYEFSCS<br>SAEEMGAVLPETCEELKRGLGDEDGSPFTQVLEERQRLWLAELKRLYVERLHEVT<br>QKAERSERNLQLQLFMAQQEQRRRLKELRAQQGLAPEPRAPGTLPEADPSARPEE<br>EARWEVCQKTAEISLLKQQLREAQAELAQKLAEIFSLKTQLRGSRAQAQAQDAELVR<br>LREAVRSLQEAPREEAPGSCETDDCKSRGLLGEAGGSEARDSAEQLRAELLQER<br>LRGQEQALRFEQERRTWQEEKERVRLRYQREIQGGYMDMYRRNQALEQELRALRE<br>PPTPWSPRLESSKI            |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution** Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name** N4BP3 NEDD4 binding protein 3 [ Homo sapiens ]

**Official Symbol** N4BP3

**Synonyms** LZTS4

**Gene ID** 23138

**mRNA Refseq** NM\_015111.1

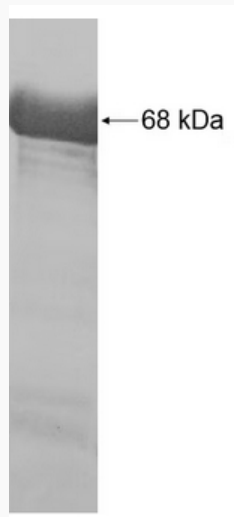
**Protein Refseq** NP\_055926.1

**UniProt ID** O15049

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**SDS-PAGE**

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