

## Recombinant Human NCAM2 protein, His & GST-tagged

**Cat. No.** NCAM2-1222H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NCAM2 aa. (Leu21~Gln297 (Accession # O15394) fused with N-terminal His & GST tag was produced in E. coli cells.                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Leu21~Gln297                                                                                                                                                                                                        |
| <b>Description</b>      | The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein and may function in selective fasciculation and zone-to-zone projection of the primary olfactory axons. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 60.9kDa.                                                                                                                                                                                  |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                        |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                |
| <b>Characteristic</b>   | The isoelectric point is 5.0.                                                                                                                                                                                       |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                            |

 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

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage buffer</b> | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

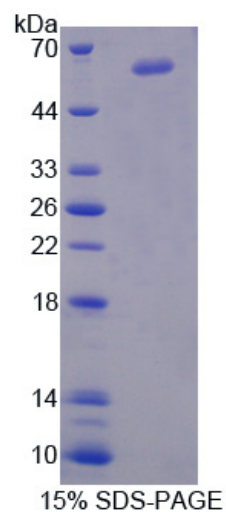
|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NCAM2 neural cell adhesion molecule 2 [ Homo sapiens (human) ]                                   |
| <b>Official Symbol</b> | NCAM2                                                                                            |
| <b>Synonyms</b>        | NCAM2; neural cell adhesion molecule 2; NCAM21; neural cell adhesion molecule 2; N-CAM-2; NCAM-2 |
| <b>Gene ID</b>         | 4685                                                                                             |
| <b>mRNA Refseq</b>     | NM_004540.4                                                                                      |
| <b>Protein Refseq</b>  | NP_004531.2                                                                                      |
| <b>UniProt ID</b>      | O15394                                                                                           |

 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

SDS-PAGE



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