

# Recombinant Human NSMF Protein, His-tagged

**Cat. No.** NSMF-475H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NSMF, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | The protein encoded by this gene is involved in guidance of olfactory axon projections and migration of luteinizing hormone-releasing hormone neurons. Defects in this gene are a cause of idiopathic hypogonadotropic hypogonadism (IHH). Several transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.                                                                                                        |
| <b>Molecular Mass</b>   | 59.8 kDa                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                  |

## GENE INFORMATION

|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b> | NSMF NMDA receptor synaptonuclear signaling and neuronal migration factor |
|------------------|---------------------------------------------------------------------------|

 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

[ Homo sapiens(human) ]

**Official Symbol** NSMF**Synonyms** HH9; NELF; NSMF;**Gene ID** 26012**mRNA Refseq** NM\_015537**Protein Refseq** NP\_056352**MIM** 608137**UniProt ID** Q6X4W1 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