

# Recombinant Human POU3F2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** POU3F2-1606H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | POU3F2 MS Standard C13 and N15-labeled recombinant protein (NP_005595) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | This gene encodes a member of the POU-III class of neural transcription factors. The encoded protein is involved in neuronal differentiation and enhances the activation of corticotropin-releasing hormone regulated genes. Overexpression of this protein is associated with an increase in the proliferation of melanoma cells.                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 46.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MATAASNHYSLTSSASIVHAEPGGMQQGAGGYREAQSLVQGDY GALQSN GHPL<br>SHAHQWITALSHGGGGGGGGGGGGGGGGGGGGGGGSPWSTSPLGQPDIKPSVV<br>VQQGGRGDELHGPGALQQQHQQQQQQQQQQQQQQQQQQQQQRPPHLVHHAA<br>NHHPGPGAWRSAAAAAHLPPSMGASNGGLLYSQPSFTVNGMLGAGGQPAGLHHH<br>GLRDAHDEPHHADHHPHSHPHQQPPPPPPPPQPPGHPGAHHDPHSDEDTPTS<br>DDLEQFAKQFKQRRRIKLGFTQADVGLALGTLYGNVFSQTTICRFEALQLSFKNMCKL<br>KPLLNKWLEEDSSSGSPTSIDKIAAQGRKRKKRTSIEVSVKGALESHFLKCPKPSA<br>QEITSLADSLQLEKEVVRVWFCNRRQKEKRMTPPGGTLPGAEDVYGGSRDTPPHH<br>GVQTPVQTRTRPLEQKLISEEDLAANDILDYKDDDDKV |

 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>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

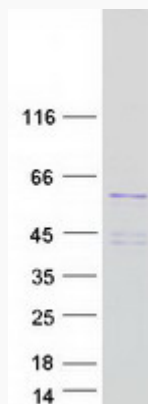
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | POU3F2 POU class 3 homeobox 2 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | POU3F2                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | POU3F2; POU class 3 homeobox 2; OTF7, POU domain class 3, transcription factor 2; POU domain, class 3, transcription factor 2; BRN2; OCT7; POUF3; brain-2; octamer-binding protein 7; octamer-binding transcription factor 7; brain-specific homeobox/POU domain protein 2; nervous system-specific octamer-binding transcription factor N-Oct-3; OTF7; OTF-7; brn-2; oct-7; N-Oct3; |
| <b>Gene ID</b>         | 5454                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_005604                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_005595                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 600494                                                                                                                                                                                                                                                                                                                                                                               |

 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

**UniProt ID****P20265****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