

# Recombinant Full Length Human NKX6-3 Protein, GST-tagged

**Cat. No.** NKX6-3-6708HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human NKX6-3 full-length ORF ( AAI56230.1, 1 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 135 amino acids                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | The NKX family of homeodomain proteins controls numerous developmental processes. Members of the NKX6 subfamily, including NKX6-3, are involved in development of the central nervous system (CNS), gastrointestinal tract, and pancreas (Alanentalo et al., 2006 [PubMed 16326147]).[supplied by OMIM |
| <b>Molecular Mass</b>   | 41.25 kDa                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MQQGQLAPGSRLCSGPWGLPELQPAAPSSSAAQLPWGESWGEEADTPACLSASG<br>VWFQNRRTKWRKKSALPSSSTPRAPGGAGAGAGGDRAPSENEDEYNKPLDPD<br>SDDEKIRLLLLRKHRAAFSVLSLGAHSV                                                                                                                                                         |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                      |

 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

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                 |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                               |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                               |
| <b>GENE INFORMATION</b> |                                                                                                                                                                        |
| <b>Gene Name</b>        | NKX6-3 NK6 homeobox 3 [ Homo sapiens ]                                                                                                                                 |
| <b>Official Symbol</b>  | NKX6-3                                                                                                                                                                 |
| <b>Synonyms</b>         | NKX6-3; NK6 homeobox 3; NK6 transcription factor related, locus 3 (Drosophila); homeobox protein Nkx-6.3; FLJ25169; NK6 transcription factor related, locus 3; NKX6.3; |
| <b>Gene ID</b>          | 157848                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_152568                                                                                                                                                              |
| <b>Protein Refseq</b>   | NP_689781                                                                                                                                                              |
| <b>MIM</b>              | 610772                                                                                                                                                                 |
| <b>UniProt ID</b>       | A6NJ46                                                                                                                                                                 |

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