

## Recombinant Human MNX1 Protein, GST-tagged

**Cat. No.** MNX1-5451H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MNX1 full-length ORF ( AAI60126.1, 1 a.a. - 401 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | This gene encodes a nuclear protein, which contains a homeobox domain and is a transcription factor. Mutations in this gene result in Currarino syndrome, an autosomic dominant congenital malformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]                                                                                                          |
| <b>Molecular Mass</b>   | 44.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MEKSKNFRIDALLAVDPPRAASAQSAPLALVTSLAAAASGTGGGGGGGGASGGTS<br>GSCSPASSEPPAAPADRLRAESPPRLLAAHCALLPKPGFLGAGGGGGGTGGGH<br>GGPHHHAHPGAAAAAAAAAAAAAAAAAGGLALGLHPGGAQGGAGLPAQAALYGHPVY<br>GYSAAAAAALAGQHPALSYSYPQVQGAHPAHPADPIKLGAGTFQLDQWLRASTA<br>GMILPKMPDFNSQAQSNLLGKCRRPRTAFTSQQLLELEHQFKLNKYLSRPKRFEVA<br>TSLMLTETQVKIWFQNRMRKWKRSKKAKEQAAQEAQKQGGGGGAGKGGAEEPG<br>AEELLGPPAPGDKGSGRRLRDLRSDPDEDEDEDEDHFPYSNGASVHAASSDCS<br>SEDDSPPPRPSHQAPAPQ |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                                                                   |

 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

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                                                                                                                |
| <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>        | MNX1 motor neuron and pancreas homeobox 1 [ Homo sapiens ]                                                                                                                                          |
| <b>Official Symbol</b>  | MNX1                                                                                                                                                                                                |
| <b>Synonyms</b>         | MNX1; motor neuron and pancreas homeobox 1; HLXB9, homeo box HB9 ,<br>homeobox HB9; motor neuron and pancreas homeobox protein 1; HB9; HOXHB9;<br>SCRA1; homeobox HB9; homeobox protein HB9; HLXB9; |
| <b>Gene ID</b>          | 3110                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_001165255                                                                                                                                                                                        |
| <b>Protein Refseq</b>   | NP_001158727                                                                                                                                                                                        |
| <b>MIM</b>              | 142994                                                                                                                                                                                              |
| <b>UniProt ID</b>       | P50219                                                                                                                                                                                              |