

## Recombinant Human CLEC10A Protein

**Cat. No.** CLEC10A-1450H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Product Overview</b> | Human CLEC10A full-length ORF (NP_878910.1) recombinant protein without tag.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may function as a cell surface antigen. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008] |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 35.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MTRTYENFQYLENKVKVQGFKNGPLPLQSLQRLCSGPCHLLLSLGLGLLLLVIICVV<br>GFQNSKFQRDLVTLRTDFSNTSNTVAEIQALTSQGSSLEETIASLKAIEVEGFKQER<br>QAGVSELQEHTTQKAHLGHCPHCPSPVCVPVHSEMLLRVQQLVQDLKKLTCQVATL<br>NNNASTEGTCCPVNWVEHQDSCYWFSHSGMSWAEAEKYCQLKNAHLVVINSREE<br>QNFVQKYLGSAYTWMGLSDPEGAWKWVDGTDYATGFQNWKPGQPDDWQGHGL<br>GGGEDCAHFHPDGRWNDDVCQRPYHWVCEAGLGQTSQESH                                                                                                                                                           |

 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>Applications</b>     | Antibody Production<br>Functional Study<br>Compound Screening                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Usage</b>            | Heating may cause protein aggregation. Please do not heat this product before electrophoresis.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <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>   | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | CLEC10A C-type lectin domain family 10, member A [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b>  | CLEC10A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>         | CLEC10A; C-type lectin domain family 10, member A; C type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 14 (macrophage derived) , CLECSF13, CLECSF14; C-type lectin domain family 10 member A; CD301; HML; HML2; macrophage lectin 2 (calcium dependent); C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 13 (macrophage-derived); C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 14 (macrophage-derived); MGL; CLECSF13; CLECSF14; |
| <b>Gene ID</b>          | 10462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_006344                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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|----------------|-----------|
| Protein Refseq | NP_006335 |
| MIM            | 605999    |
| UniProt ID     | Q8IUN9    |

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