

Recombinant Human CLEC10A Protein, Fc-tagged

Cat. No. CLEC10A-182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLEC10A protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	316
Description	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.
Form	Lyophilized
Molecular Mass	55.7 kDa
AA Sequence	MTRTYENFQYLENKVKVQGFKNGPLPLQSLQRLCSGPCHLLLSLGLGLLLLVIICV GFQNSKFQRDLVTLRTDFSNFTSNTVAEIQALTSQGSSLEETIASLKAIEVEGFKQER QAGVSELQEHTTQKAHLGHCPHCPVCVPVHSEMLLRVQQLVQDLKKLTCQVATL NNNASTEGETCCPVNWVEHQDSCYWFSHSGMSWAEAEKYCQLKNAHLVVINSREE QNFVQKYLGSAYTWMGLSDPEGAWKWVDGTDYATGFQNWKPGQPDDWQGHGL GGGEDCAHFHPDGRWNDDVCQRPYHWVCEAGLGQTSQESH

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CLEC10A C-type lectin domain family 10, member A [Homo sapiens (human)]
Official Symbol	CLEC10A
Synonyms	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,

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superfamily member 14 (macrophage-derived); MGL; CLECSF13; CLECSF14;

Gene ID 10462**mRNA Refseq** NM_006344**Protein Refseq** NP_006335**MIM** 605999**UniProt ID** Q8IUN9 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA