

# Recombinant Human COLEC10, His-tagged

**Cat. No.** COLEC10-11444H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human COLEC10 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 28-184a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. The other members of this family are secreted proteins and bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. This gene product is a cytosolic protein, a characteristic that suggests that it may have different biological functions than other C-lectins. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.                                                                                                                                                                                                                                                                         |

## GENE INFORMATION

|                  |                                                                         |
|------------------|-------------------------------------------------------------------------|
| <b>Gene Name</b> | COLEC10 collectin sub-family member 10 (C-type lectin) [ Homo sapiens ] |
|------------------|-------------------------------------------------------------------------|

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|                            |                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | COLEC10                                                                                                                                                                                    |
| <b>Synonyms</b>            | COLEC10; collectin sub-family member 10 (C-type lectin); collectin-10; CL L1; CL-34; collectin 34; collectin-34; collectin liver 1; collectin liver protein 1; CLL1; MGC118794; MGC118795; |
| <b>Gene ID</b>             | <a href="#">10584</a>                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | <a href="#">NM_006438</a>                                                                                                                                                                  |
| <b>Protein Refseq</b>      | <a href="#">NP_006429</a>                                                                                                                                                                  |
| <b>MIM</b>                 | <a href="#">607620</a>                                                                                                                                                                     |
| <b>UniProt ID</b>          | <a href="#">Q9Y6Z7</a>                                                                                                                                                                     |
| <b>Chromosome Location</b> | 8q23-q24.1                                                                                                                                                                                 |
| <b>Function</b>            | binding; mannose binding; sugar binding;                                                                                                                                                   |

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