

## Recombinant Human CD164 protein, T7/His-tagged

**Cat. No.** CD164-30H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CD164 extracellular domain cDNA (24 - 162 aa) fused with 29 N-terminal T7/His tag was expressed in E. coli.                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 24-162 a.a.                                                                                                                                                                                                                      |
| <b>Form</b>             | 0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.                                                                                       |
| <b>AA Sequence</b>      | MASMTGGQQMGRGHHHHHHGNLYFQGGEFDKNTTQHPNVTTLAPISNVTSAPVTS<br>LPLVTTTPAPETCEGRNSCVS CFNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNT<br>TDFCSVSTATPVPTANSTAKPTVQPSPSTTSKTVTTSGT TNNTVTPTSQPVRKSTFD                                              |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                                                                                 |
| <b>Applications</b>     | 1. Protein can be used as coating matrix protein for study human HSC / Receptor interaction in vitro. 2. As highly purified protein, may be used as culture matrix protein for regulation of HSC differentiation study in vitro. |
| <b>Storage</b>          | Keep at -20centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.                                                                                                                             |

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## GENE INFORMATION

|                            |                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | CD164 CD164 molecule, sialomucin [ Homo sapiens ]                                                                                                                               |
| <b>Official Symbol</b>     | CD164                                                                                                                                                                           |
| <b>Synonyms</b>            | CD164; CD164 molecule, sialomucin; CD164 antigen, sialomucin; sialomucin core protein 24; MGC 24; MUC 24; MGC-24v; multi-glycosylated core protein 24; MGC-24; MUC-24; endolyn; |
| <b>Gene ID</b>             | 8763                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_001142401                                                                                                                                                                    |
| <b>Protein Refseq</b>      | NP_001135873                                                                                                                                                                    |
| <b>MIM</b>                 | 603356                                                                                                                                                                          |
| <b>UniProt ID</b>          | Q04900                                                                                                                                                                          |
| <b>Chromosome Location</b> | 6q21                                                                                                                                                                            |
| <b>Pathway</b>             | Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;                                                                                                           |
| <b>Function</b>            | protein binding;                                                                                                                                                                |

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