

## Recombinant Human CD164 Protein

**Cat. No.** CD164-0727H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CD164 full-length ORF (NP_006007.2) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>This gene encodes a transmembrane sialomucin and cell adhesion molecule that regulates the proliferation, adhesion and migration of hematopoietic progenitor cells.</p> <p>The encoded protein also interacts with the C-X-C chemokine receptor type 4 and may regulate muscle development. Elevated expression of this gene has been observed in human patients with Sez</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	20.9 kDa
<b>AA Sequence</b>	<p>MSRLSRLLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLPLVTTTPAP  ETCEGRNSCVSCFNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNTTDFCSVSTA  TPVPTANSTAKPTVQPSPTTSTKTVTTSGETTNTVTPTSQPVRKSTFDAASFVIGVIL  VLGVQAVIFFLYKFCKSKERNYHTL</p>
<b>Applications</b>	<p>Antibody Production</p> <p>Functional Study</p> <p>Compound Screening</p>

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<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<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.

## 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