

# Recombinant Human CD164 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CD164-5140H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	CD164 MS Standard C13 and N15-labeled recombinant protein (NP_006007) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a transmembrane sialomucin and cell adhesion molecule that regulates the proliferation, adhesion and migration of hematopoietic progenitor cells. 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 Sezary syndrome, a type of blood cancer, and a mutation in this gene may be associated with impaired hearing.
<b>Molecular Mass</b>	20.9 kDa
<b>AA Sequence</b>	MSRLSRLLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLPLVTTTPAP ETCEGRNSCVSCFNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNTTDFCSVSTA TPVPTANSTAKPTVQPSPSTTSKTVTTSGTTNNTVTPTSQPVRKSTFDAASFIGGIVL VLGVQAVIFFLYKFCKSKERNYHTLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** CD164 CD164 molecule [ Homo sapiens (human) ]

**Official Symbol** CD164

**Synonyms** 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;

**Gene ID** 8763

**mRNA Refseq** NM\_006016

**Protein Refseq** NP\_006007

**MIM** 603356

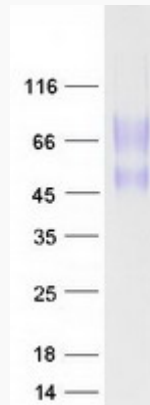
**UniProt ID** Q04900

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**SDS-PAGE**



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