

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

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

SPECIFICATION

Product Overview	CD164 MS Standard C13 and N15-labeled recombinant protein (NP_006007) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	20.9 kDa
AA Sequence	MSRLSRSLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLVTTTPAP ETCEGRNSCVSCFNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNTTDFCSVSTA TPVPTANSTAKPTVQPSPSTTSKTVTTSGTTNNTVTPTSQPVRKSTFDAASFIGGIVL VLGVQAVIFFLYKFCKSKERNYHTLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	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

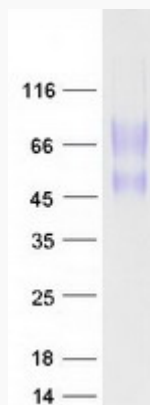
MIM 603356

UniProt ID Q04900

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SDS-PAGE

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