

Recombinant Full Length Human CD164 Protein, C-Flag-tagged

Cat. No. CD164-2078HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CD164 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	20.7 kDa
AA Sequence	MSRLSRLLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLPLVTTTPAP ETCEGRNSCVSC FNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNNTDFCSVST ATPVPTANSTAKPTVQSPSTTSKTVT TSGTTNNTVTPTSQPVRKSTFDAASFIGGI VLVLGVQAVIFFLYKFCKSKERNYHTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein, Transmembrane
Protein Pathways	Lysosome
Full Length	Full L.

GENE INFORMATION

Gene Name	CD164 CD164 molecule [Homo sapiens (human)]
Official Symbol	CD164
Synonyms	DFNA66; MGC-24; MUC-24; MGC-24v; endolyn
Gene ID	8763
mRNA Refseq	NM_006016.6
Protein Refseq	NP_006007.2
MIM	603356

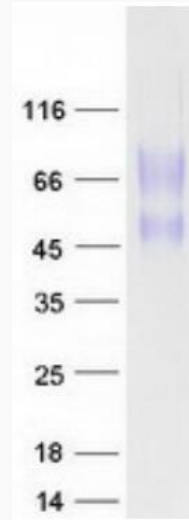
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UniProt ID

Q04900



Coomassie blue staining of purified CD164 protein.

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