Recombinant Human CD164 Protein, His-tagged

Cat. No. CD164-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD164 molecule (CD164), transcript variant 1 (NM_006016), with a His tag, was expressed in human cells.
Species	Human
Source	Human 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	Purified protein formulated in a sterile solution of TBS buffer, pH7.242, without any preservatives.
Molecular Mass	20.7 kDa
Endotoxin	Endotoxin level is < 0.1 ng/μg of protein (<1EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name	CD164 CD164 molecule, sialomucin [Homo sapiens]
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_001142401
Protein Refseq	NP_001135873
MIM	603356
UniProt ID	Q04900

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