

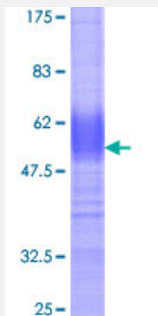
Full-Length

CD164 (Human) Recombinant Protein (P01)

Catalog # H00008763-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD164 full-length ORF (AAH11522.1, 1 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSRLSRSLWAAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLVTTTPAPETCEGRN SCVSCFNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNTTDFCSVSTATPVPTANSTAKPTVQ PSPSTTSKTVTTSGTTNNTVTPTSQPVVKSTFDAASFVGGMLVLGVQAVIFFLYKFCKSKERNYHTL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.41
Interspecies Antigen Sequence	Mouse (62); Rat (60)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD164

Entrez GeneID [8763](#)

GeneBank Accession# [BC011522](#)

Protein Accession# [AAH11522.1](#)

Gene Name CD164

Gene Alias MGC-24, MUC-24, endolyn

Gene Description CD164 molecule, sialomucin

Omim ID [603356](#)

Gene Ontology [Hyperlink](#)

Gene Summary Sialomucins are a heterogeneous group of secreted or membrane-associated mucins that appear to play 2 key but opposing roles in vivo: first as cytoprotective or antiadhesive agents, and second as adhesion receptors. CD164 is a type I integral transmembrane sialomucin that functions as an adhesion receptor (Watt et al., 1998 [PubMed 9680353]; Forde et al., 2007 [PubMed 17077324]).[supplied by OMIM]

Other Designations CD164 antigen, sialomucin

Pathway

- [Lysosome](#)