

## Product datasheet for **TP302234L**

### CD164 (NM\_006016) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD164 molecule, sialomucin (CD164), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202234 protein sequence Red=Cloning site Green=Tags(s)

MSRLSRLLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLPLVTTTPAPETCEGRNSCVSC  
FNVSWNNTCFWIECKDESYCSHNSTVSDCQVGNTTDFCSVSTATPVPTANSTAKPTVQSPSTTSKTVT  
TSGTTNNTVTPTSQPVRKSTFDAASFIGGIVLVLGVQAVIFFLYKFCKSKERNYHTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	20.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_006007</a>
Locus ID:	8763
UniProt ID:	<a href="#">Q04900</a>



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RefSeq Size: 3128

Cytogenetics: 6q21

RefSeq ORF: 591

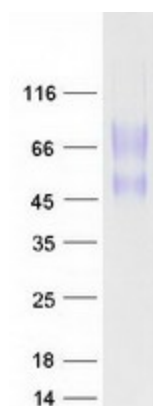
Synonyms: DFNA66; endolyn; MGC-24; MGC-24v; MUC-24

**Summary:** 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. [provided by RefSeq, Oct 2016]

**Protein Families:** Secreted Protein, Transmembrane

**Protein Pathways:** Lysosome

### Product images:



Coomassie blue staining of purified CD164 protein (Cat# [TP302234]). The protein was produced from HEK293T cells transfected with CD164 cDNA clone (Cat# [RC202234]) using MegaTran 2.0 (Cat# [TT210002]).