

Product datasheet for PH302234

CD164 (NM_006016) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD164 MS Standard C13 and N15-labeled recombinant protein (NP_006007)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202234
Predicted MW:	20.9 kDa
Protein Sequence:	>RC202234 protein sequence Red=Cloning site Green=Tags(s) MSRLSRLLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTSAPVTSPLVTTTAPETCEGRNSCVSC FNVSVVNTTCFWIECKDESYCSHNSTVSDCQVGNTTDFCSVSTATPVPTANSTAKPTVQPSPTTSTKTVT TSGTTNNTVTPTSQPVRKSTFDAASFIGGIVLVLGQAVIFFLYKFCKSKERNYHTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006007
RefSeq Size:	3128
RefSeq ORF:	591
Synonyms:	DFNA66; endolyn; MGC-24; MGC-24v; MUC-24
Locus ID:	8763
UniProt ID:	Q04900



[View online »](#)

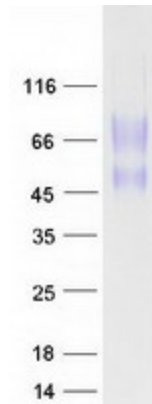
Cytogenetics: 6q21

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]).