

Product datasheet for PH306463

CD177 (NM_020406) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD177 MS Standard C13 and N15-labeled recombinant protein (NP_065139)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206463
Predicted MW:	46.4 kDa
Protein Sequence:	>RC206463 protein sequence Red=Cloning site Green=Tags(s)

MSPVLLLALLGFILPLPGVQALLCQFGTVQHVWVSDLPRQWTPKNTSCDSGLGCQDTLMLIESGPQVSL
VLSKGCTEAKDQEPRVTEHRMGPLSLISYTFVCRQEDFCNNLVNSLPLWAPQPPADPGSLRCPVCLSM
GCEGTTEEICPKGTTHCYDGLLRGGGIFSNLRVQGCMPQPGCNLLNGTQEIGPVGMTENCNRKDFLT
CHRGTTIMTHGNLAQEPTDWTTSNTEMCEVQVCQETLLLLLDVGLTSTLVGKGCSTVGAQNSQKTTIHS
APPGVLVASYTHFCSSDLCSASSSVLLNSLPPQAAPVPGDRQCPTCVQPLGTCSSGSPRMTCPRGTH
CYDGYIHLSGGGLSTKMSIQGCVAQPSSFLLNHTRQIGIFSAREKRDVQPPASQHEGGGAEGLES
LWGWGLALAPALWWGVVCPSC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<u>NP_065139</u>
RefSeq Size:	2238
RefSeq ORF:	1311
Synonyms:	HNA-2a; HNA2A; NB1; NB1 GP; PRV-1; PRV1



[View online »](#)

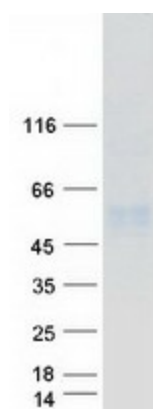
Locus ID: 57126

UniProt ID: [Q8N6Q3](#), [A0A087WVM2](#)

Cytogenetics: 19q13.31

Summary: This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified. [provided by RefSeq, Apr 2014]

Product images:



Coomassie blue staining of purified CD177 protein (Cat# [TP306463]). The protein was produced from HEK293T cells transfected with CD177 cDNA clone (Cat# [RC206463]) using MegaTran 2.0 (Cat# [TT210002]).