

Product datasheet for **TP306463**

CD177 (NM_020406) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD177 molecule (CD177), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206463 protein sequence Red =Cloning site Green =Tags(s)

MSPVLLALLGFILPLPGVQALLCQFGTVQHVWKVSDLPRQWTPKNTSCDSGLGCQDTLMLIESGPQVSL
VLSKGCTEAKDQEPRVTEHRMGPGLSLISYTFVCRQEDFCNNLVNSLPLWAPQPPADPGSLRCPVCLSME
GCLEGTTEEICPKGTTHCYDGLLRGGGIFSNLRVQGCMPQPGCNLLNGTQEIGPVGMTENCNRKDFLT
CHRGTTIMTHGNLAQEPTDWTSNTEMCEVGQVCQETLLLLLDVGLTSTLVGTKGCSTVGAQNSQKTTIHS
APPGVLVASYTHFCSSDLNSASSSSVLLNSLPPQAAPVPGDRQCPTCVQPLGTCSSGSPRMT CPRGTTTH
CYDGYIHLSGGGLSTKMSIQGCVAQPSSFLLNHTRQIGIFSAREKRDVQPPASQHEGGGAEGLES LTWGV
GLALAPALWWGVVCPSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.2 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:	<u>NP_065139</u>



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Locus ID: 57126

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

RefSeq Size: 2238

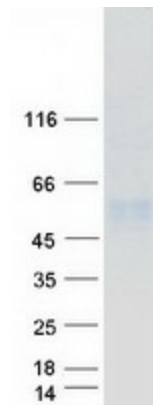
Cytogenetics: 19q13.31

RefSeq ORF: 1311

Synonyms: HNA-2a; HNA2A; NB1; NB1 GP; PRV-1; PRV1

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]).