

# Human CellExp™ CD177

10/20

<b>CATALOG NO:</b>	P1604-50 50 µg
<b>ALTERNATE NAMES:</b>	HNA-2a, PRV-1, N B1, NB1 GP, NB1 glycoprotein, Polycythemia rubra vera protein 1, Human neutrophil alloantigen 2a
<b>MOL. WT.</b>	Recombinant human CD177 protein migrates as a band at 90-100 kDa in SDS-PAGE.
<b>SOURCE:</b>	HEK293 cells
<b>PURITY:</b>	>97% by SDS-PAGE
<b>SPECIES:</b>	Human
<b>ACCESSION NO:</b>	Q8N6Q3, NP_065139.2
<b>AMINO ACID SEQUENCE:</b>	The target protein is expressed with the sequence (Met1-Gly407) of human CD177 fused with a Fc, 6xHis tag at the C-terminus.
<b>ENDOTOXIN:</b>	<0.1 EU/µg of the protein as determined by LAL method
<b>FORM:</b>	Lyophilized protein
<b>FORMULATION:</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
<b>TAG:</b>	Fc, 6xHis tag
<b>RECONSTITUTION:</b>	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.
<b>STORAGE CONDITIONS:</b>	Keep the lyophilized protein at -20°C to -80°C for long term storage. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Protein should be aliquoted and stored at -20°C or -80°C. Avoid repeated freeze-thaw cycles.
<b>DESCRIPTION:</b>	CD177 is a glycosyl-phosphatidylinositol (GPI)-linked N-glycosylated cell surface glycoprotein. CD177 contains two UPAR/Ly6 domains. CD177 is highly expressed in normal bone marrow and weakly expressed in fetal liver. Neutrophil-specific CD177 is a heterophilic binding partner of PECAM-1 (platelet endothelial cell adhesion molecule-1). This interaction mediates neutrophil transmigration.

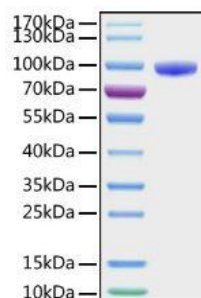


Fig A. Human CD177 protein was loaded on SDS-PAGE and visualized by Coomassie blue stain. The protein migrates as a band at 90-100 kDa.

## RELATED PRODUCTS:

CD-14, human recombinant (Cat. No. 4937)  
 CD226, human recombinant (Cat. No. 7310)  
 CD274, mouse recombinant (Cat. No. 7311)  
 Human CellExp™ CD4, human recombinant (Cat. No. 7834)  
 Human CellExp™ CD27 Ligand/ CD70, Human Recombinant (Cat. No. P1381)

**FOR RESEARCH USE ONLY! Not to be used on humans.**