

Active Recombinant Human CD177, His-tagged

Cat. No. CD177-320H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD177 (Accession # AAH29167) Leu22-Gly407, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	22-407 a.a.
Predicted N Terminal	Leu22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of EOMA mouse endothelial cells. The ED50 for this effect is typically 0.3-1.5 µg/mL
Molecular Mass	Recombinant Human CD177, His-tagged has a calculated MW of 42 kDa. In SDS-PAGE migrates as 57-63 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	CD177 CD177 molecule [Homo sapiens]
Official Symbol	CD177
Synonyms	CD177; CD177 molecule; CD177 antigen; HNA2A; NB1; polycythemia rubra vera 1; PRV1; NB1 glycoprotein; cell surface receptor; human neutrophil alloantigen 2a; polycythemia rubra vera protein 1; PRV-1; HNA-2a; NB1 GP;
Gene ID	57126
mRNA Refseq	NM_020406
Protein Refseq	NP_065139
MIM	162860
UniProt ID	Q8N6Q3
Chromosome Location	19q13.2

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