

Recombinant Human CD177 protein, T7/His-tagged

Cat. No. CD177-63H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD177 (NTN4) gene (22 - 408 aa) fused with T7/His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-408 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGFELLQCQFGTVQHVWKVSDLPRQWT PKNTSCDSGLGCQDTLMLIESG PQVSLVLSKGCTEAKDQEPRVTEHRMGPGLSLIS YTFVCRQEDFCNNLVNSLPLWAPQPPADPGSLRCPVCLSME GCLEGTTEEICPKG TTHCYDGLLRRLRGGGIFSNLRVQGCMPQPGCNLLNGTQEIGPVGMTENCNRKDFLT CHRGTTIMTHGNLAQEPTDWTTSTNEMCEVGQVCQETLLLLDVGLTSTLVGTKGC STVGAQNSQKTTIHSAPPGVLVASY THFCSSDLCNSASSSSVLLNSLPPQAAPVPG DRQCPTCVQPLGTCSSGSPRMTCPRGATHCYDGYIHLGGGLST KMSIQGCVAQP SSFLLNHTRQIGIFSAREKRDVQPPASQHEGG
Purity	>90% by SDS-PAGE
Applications	1. Protein can be used as coating matrix protein for study human neutrophil-endothelia cell interaction study in vitro.2. As highly purified recombinant antigen, it

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may be used as culture matrix protein for differentiation of human endothelial cell in vitro.

Storage

Keep at -20centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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

Pathway

Cell surface interactions at the vascular wall, organism-specific biosystem;
Hemostasis, organism-specific biosystem;

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