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Product datasheet for TP720372L

CD177 (NM_020406) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD177 molecule (CD177)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Leu22-Gly407
Tag:	C-His
Predicted MW:	42.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Endotoxin:	< 0.1 EU per μg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_065139
Locus ID:	57126
UniProt ID:	Q8N6Q3, A0A087WVM2
Cytogenetics:	19q13.31
Synonyms:	HNA-2a; HNA2A; NB1; NB1 GP; PRV-1; PRV1

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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: