

Recombinant Human CD160 protein(His tag)

Catalog Number:PDMH100041



Note: Centrifuge before opening to ensure complete recovery of vial contents.

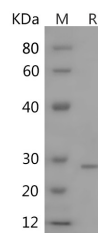
Description

Synonyms	Natural killer cell receptor BY55
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Leu158
Accession	O95971
Calculated Molecular Weight	14.9 kDa
Observed molecular weight	25 kDa
Tag	C-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

CD16 antigen, also known as Natural killer cell receptor BY55 and CD16, is a cell membrane protein which contains one Ig-like V-type (immunoglobulin-like) domain. CD16 is a GPI-anchored lymphocyte surface receptor in which expression is mostly restricted to the highly cytotoxic CD56(dim)CD16(+) peripheral blood NK subset. CD16 is a receptor showing broad specificity for both classical and non-classical MHC class I molecules. CD16 is expressed in spleen, peripheral blood, and small intestine. Expression of CD16 is restricted to functional NK and T cytotoxic lymphocytes. CD16 acts as a co-activator receptor for CD3-induced proliferation of CD4+ CD16+ T cells isolated from inflammatory skin lesions. Unique CD4+ CD16+ lymphocyte subset may play a role in the pathogenesis of skin inflammation. Activated NK lymphocytes release a soluble form of CD16 that functionally impairs the MHC-I-specific cytotoxic CD8(+) T

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