

Datasheet for ABIN7505608 CD160 Protein (CD160) (AA 1-158) (His tag)



Overview

Quantity:	100 µg
Target:	CD160
Protein Characteristics:	AA 1-158
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD160 protein is labelled with His tag.

Product Details

Sequence:	Met1-Leu158
Characteristics:	A DNA sequence encoding theHuman CD160 protein (O95971) (Met1-Leu158) was expressed with a C-His.
Purity:	> 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	CD160
Alternative Name:	CD160 (CD160 Products)
Background:	Abbreviation: CD160
	Target Synonym: Natural killer cell receptor BY55
	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

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	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 lymphocyte responsiveness.
Molecular Weight:	Calculated MW: 14.9 kDa Observed MW: 25 kDa
UniProt:	095971
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months