

[Go to Product page](#)

Datasheet for ABIN7317399

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
Biological Activity:	Active
Purification tag / Conjugate:	This CD160 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD160/BY55 Protein (aa 1-158, His Tag)(Active)
Sequence:	Met 1-Leu 158
Characteristics:	A DNA sequence encoding the human CD160 (NP_008984.1) (Met 1-Leu 158) without the propeptide was expressed, with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind with biotinylated human HVEM-Fch in a functional ELISA.

Target Details

Target:	CD160
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Target Details

Alternative Name: CD160/BY55 ([CD160 Products](#))

Background: Background: CD160 antigen, also known as Natural killer cell receptor BY55 and CD160, is a cell membrane protein which contains one Ig-like V-type (immunoglobulin-like) domain. CD160 is a GPI-anchored lymphocyte surface receptor in which expression is mostly restricted to the highly cytotoxic CD56(dim)CD16(+) peripheral blood NK subset. CD160 is a receptor showing broad specificity for both classical and non-classical MHC class I molecules. CD160 is expressed in spleen, peripheral blood, and small intestine. Expression of CD160 is restricted to functional NK and T cytotoxic lymphocytes. CD160 acts as a co-activator receptor for CD3-induced proliferation of CD4+ CD160+ T cells isolated from inflammatory skin lesions. Unique CD4+ CD160+ lymphocyte subset may play a role in the pathogenesis of skin inflammation. Activated NK lymphocytes release a soluble form of CD160 that functionally impairs the MHC-I-specific cytotoxic CD8(+) T lymphocyte responsiveness. Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Targets Co-inhibitory Immune Checkpoint Targets Immunotherapy Cancer Immunotherapy Targeted Therapy

Synonym: CD160 Antigen; Natural Killer Cell Receptor BY55; CD160; BY55; NK1; NK28

Molecular Weight: 16.4 kDa

NCBI Accession: [NP_008984](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

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.