Datasheet for ABIN7318272

CD160 Protein (CD160) (AA 27-159) (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	CD160
Protein Characteristics:	AA 27-159
Origin:	Human
Source:	Human 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 27-159, His Tag)(Active)
Sequence:	Ile27-Ser159
Characteristics:	Recombinant Human CD160 is produced by our Mammalian expression system and the target gene encoding Ile27-Ser159 is expressed with a 6His 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:	Immobilized Human HVEM/TNFRSF14(Cat: PKSM040955) at 10µg/ml(100 µl/well) can bind Human CD160-His. The ED50 of Human CD160-His is 3.60 ug/ml .

Target Details

Target:	CD160
Alternative Name:	CD160/BY55 (CD160 Products)
Background:	Background: CD160 antigen is a Lipid-anchor that exists as a disulfide-linked homomultimer. CD160 contains one Ig-like V-type domain. The human CD160 precursor is a cysteine-rich, glycosylphosphatidylinositol-anchored protein of 181 amino acids with a single Ig-like domain. It is weakly homologous to KIR2DL4. CD160 is expressed in the spleen, peripheral blood, and small intestine. Its expression is tightly associated with peripheral blood NK cells and CD8 T lymphocytes with cytolytic effector activity. CD160 is a receptor showing broad specificity for both classical and non-classical MHC class I molecules. Synonym: CD160 Antigen, Natural Killer Cell Receptor BY55, CD160, BY55,NK1,NK28
Molecular Weight:	15.8 kDa
UniProt:	O95971

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, 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.