

Recombinant Human CD160 Protein, His-Tagged

Cat. No. CD160-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD160 Protein, His-Tagged was expressed in Baculovirus cell line
Species	Human
Source	Insect Cells
ProteinLength	142aa
Description	CD160 is an 27 kDa glycoprotein which was initially identified with the monoclonal antibody BY55. Its expression is tightly associated with peripheral blood NK cells and CD 8 T lymphocytes with cytolytic effector activity. The cDNA sequence of CD160 predicts a cysteine-rich, glycosylphosphatidylinositol-anchored protein of 181 amino acids with a single Ig-like domain weakly homologous to KIR2DL4 molecule. CD160 is expressed at the cell surface as a tightly disulfide-linked multimer. RNA blot analysis revealed CD160 mRNAs of 1.5 and 1.6 kb whose expression was highly restricted to circulating NK and T cells, spleen and small intestine. Within NK cells CD160 is expressed by CD56dimCD16+ cells whereas among circulating T cells its expression is mainly restricted to TCRgd bearing cells and to TCRab+CD8brightCD95+CD56+CD28-CD27-cell s. In tissues, CD160 is expressed on all intestinal intraepithelial lymphocytes. CD160 shows a broad specificity for binding to both classical and nonclassical MHC class I molecules.
Form	Liquid

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Molecular Mass	15.9 kDa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Usage	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by absorbance at 280nm)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	CD160 CD160 molecule [Homo sapiens (human)]
Official Symbol	CD160
Synonyms	CD160 antigen, CD160, BY55, NK1, NK28
Gene ID	11126
mRNA Refseq	NM_007053.4
Protein Refseq	NP_008984.1

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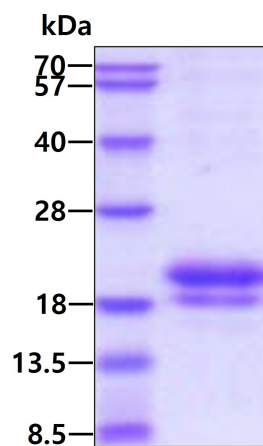
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MIM 604463

UniProt ID O95971

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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