

Recombinant human CD160 protein

Catalog Number: ATGP3576

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

27-159aa

UniProt No.

O95971

NCBI Accession No.

NP_008984.1

Alternative Names

CD160 antigen, CD160, BY55, NK1, NK28

PRODUCT SPECIFICATION

Molecular Weight

15.9 kDa (142aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CD160, also known as CD160 antigen, is a human natural killer (NK) -cell-activating receptor that is also expressed on T-cell subsets. It is a tumor-specific antigen known to mediate cellular activation signals in CLL, and is a novel target for therapeutic manipulation and monitoring of minimal residual disease. It was identified as a T cell coinhibitory molecule that interacts with the herpesvirus entry mediator (HVEM) on antigen-

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presenting cells to deliver a potent inhibitory signal to CD4 (+) T cells. Recombinant human CD160, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

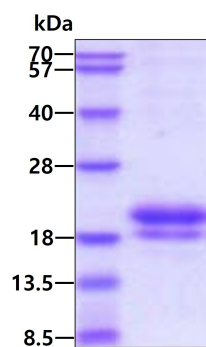
<ADL>INITSSA SQECTRLNLI CTVWHKKEEA EGFVVFLLCKD RSGDCSPETS LKQLRLKRDP GIDGVGEISS QLMFTISQVT
PLHSGTYQCC ARSQKSGIRL QGHFFSILFT ETGNYTVTGL KQRQHLEFSH NEGTLS<HHHH HH>

General References

Farren TW., et al. (2011) Blood. 118:2174-2183.
Kojima R., et al. (2011) J Mol Biol. 413:762-772.

DATA

SDS-PAGE



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