

CD160, 27-159aa, Human, His-tag, Baculovirus

Cat.NO.: TP01479

3th Edition

Synonyms:CD160 antigen, CD160, BY55, NK1, NK28

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-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.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:15.9kDa (142aa), 18-28kDa (SDS-PAGE under reducing conditions)

Sequences:

ADLINITSSASQEGTRLNLICTVWHKKEEAEGFVFLCKDRSGDCSPETSLKQLRLKRDPGIDGVGEISSQLMFTISQ
VTPLHSGTYQCCARSQKSGIRLQGHFFSILFTETGNYTVTGLKQRQHLEFSHNEGTLSHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.