

Rev02
 Update: Aug,08,2025

DATASHEET

CD155/PVR mFc Chimera, Human

Cat. No.: Z04156

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> CD155/PVR (Trp21-Asn343) Accession # P15151-1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> mFc(IgG1) </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CD155/PVR mFc Chimera, Human at 2µg/ml (100µl/well) on the plate can bind Human TIGIT, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	61.3 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 75-100 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : CD155 is a cell surface adhesion molecule functioning in tumor cell migration, invasion, and metastasis, and not surprisingly, is also designated as a common tumor-associated antigen. CD155 is also recognized by NK cells to induce their cytotoxicity. CD155 is also commonly referred to as the 'poliovirus receptor,' or PVR.

Synonyms : CD155; HVED; NECL5; Necl-5; nectin-like 5; PVR; PVS; Tage4; PVSFLJ25946; FLJ25946

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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