

Rev06
 Update: Aug,11,2025

DATASHEET

CD96, His, Human

Cat. No.: Z03443

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> CD96 (Val22-Met503) Accession # P40200-2 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> Poly-His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 90% as analyzed by SDS-PAGE
Endotoxin Level	< 1 EU/μg of protein by gel clotting method
Expression System	HEK 293
Apparent Molecular Weight	~110.4 kDa, on SDS-PAGE under reducing conditions.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O or PBS up to 100 μg/ml.
Storage & Stability	Upon receiving, this product remains stable for 6 months at lower than -70°C. Upon reconstitution, the product should be stable for 1 week at 4°C or for 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

Background

Target Background : CD96 (Cluster of Differentiation 96), also known as Tactile (T cell activation, increased late expression), is a receptor protein which is expressed on T cells and NK cells and shares sequence similarity with CD226 (also known as DNAM-1). The main ligand of CD96 is CD155 and CD96 competes with CD226 for binding to CD155. This protein belongs to the immunoglobulin superfamily and may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also promote NK cell-target adhesion by interacting with PVR present on target cells and function in antigen presentation.

Synonyms : CD96; TACTILE; CD96 molecule

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

Confidential and Privileged



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