

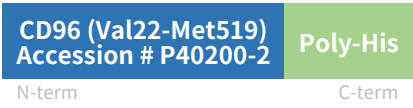
Rev03
Update: Dec,14,2021

DATASHEET

CD96, His, Human

Cat. No.: Z03443

Product Introduction

Species	Human
Protein Construction	
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 up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 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.