


Rev02
Update: Aug,08,2025**DATASHEET**

CD72, His, Human

Cat. No.: Z04221

Product Introduction

Species	Human
Protein Construction	
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	29.17 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 32-40 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm 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 : CD72 (originally Lyb-2), a 45 kDa type II transmembrane glycoprotein. CD72 belongs to the calcium-dependent C-type lectin superfamily and shares sequence homology with CD23 (the B-cell-specific low-affinity Fc receptor for IgE) and the asialoglycoprotein receptors. It is expressed as a disulfide-linked homodimer from the pro-B through the mature B-cell stage, but it is downregulated on terminally differentiated plasma cells.

Synonyms : Lyb-2; Lyb2; CD72;

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