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## Product Data Sheet

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Product Name: CD72 Human  
Cat. No.: GP23073  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	B-cell differentiation antigen CD72; Lyb-2; CD72; LYB2; CD72b.		
Formulation	CD72 at 100µg/ml in 50mM Tris-HCl, pH7.5, 10mM L-glutathione (reduced).		

### Introduction

CD72 antigen is a member of the type II integral membrane glycoproteins which includes other related cell surface molecules such as the asialoglycoprotein receptors, CD23 and the Kupffer cell receptor. The function of CD72 is unknown but the exposure of B cells to CD72 antibodies activates a variety of signaling pathways and can induce MHC class II expression and B cell proliferation. CD72 antigen is expressed on all cells of B cell lineage with the exception of plasma cells and weakly on human tissue macrophages.

### Stability

Store vial at -20°C to -80°C . When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

### Background

CD72 Human Recombinant (aa 1-98) expressed in E.coli, shows a 38 kDa band on SDS-PAGE. The CD72 is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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