



## Product Datasheet

<b>Product Name</b>	CD72 Human Recombinant
<b>Cata No</b>	CB501102
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	B-cell differentiation antigen CD72, Lyb-2, CD72, LYB2, CD72b.

### Description

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.

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.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

CD72 at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

### 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.**

### Applications

- ELISA
- Inhibition Assays
- Western Blotting