



## Product Datasheet

<b>Product Name</b>	CD1A Human Recombinant
<b>Cata No</b>	CB501083
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	T-cell surface glycoprotein CD1a, CD1a antigen, T-cell surface antigen T6/Leu-6, hTa1 thymocyte antigen, CD1A, R4, T6, CD1, FCB6, HTA1.

### Description

At least five CD1 genes (CD1a, b, c, d, and e) are identified. CD1 is expressed on cortical thymocytes, Langerhans cells, and dendritic cells. It is absent on mature peripheral blood T cells but intracytoplasmic expression is detected on activated T lymphocytes. CD1 proteins have been demonstrated to restrict T-cell response to non-peptide lipid and glycolipid antigens and play a role in non-classical antigen presentation.

CD1A Human Recombinant (aa 19-327) expressed in E.coli, shows a 60 kDa band on SDS-PAGE.

The CD1A is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

CD1A 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