



## Product Datasheet

<b>Product Name</b>	CD45 Human Recombinant
<b>Cata No</b>	CB501098
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	Leukocyte common antigen, EC 3.1.3.48, L-CA, T200, CD45 antigen, PTPRC, LCA, LY5, B220, CD45, GP180.

### Description

CD45 leukocyte common antigen (LCA) belongs to the family of at least four isoforms of membrane glycoproteins (220, 205, 190, 180kDa) expressed on hematopoietic cell lines but absent on non-hematopoietic cell lines, normal and malignant non-hematopoietic tissues. The intracellular portion of these molecules has protein phosphatase activity and is involved in regulation of transmembrane signals.

CD45 Human Recombinant (aa 1102-1150) expressed in E.coli, shows a 33 kDa band on SDS-PAGE (Including GST).

The CD45 is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

CD45 at 100µg/1ml 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