

## Recombinant Human CD68

**Cat. No.** CDA073P    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD68 full length expressed in E.coli, shows a 38 kDa band on SDS-PAGE. CD68 is purified by proprietary chromatographic techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	CD68 encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms.
<b>Physical Appearance</b>	Sterile Filtered clear solution.
<b>Purity</b>	(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
<b>Formulation</b>	CD68 at 2g/20µin 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.
<b>Storage</b>	Store vial at -20°C to -80°C. When stored at the recommended temperature, this

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protein is stable for 12 months. Please prevent freeze-thaw cycles.

**Full Length**

Full L.

**GENE INFORMATION****Synonyms**

Macrosialin; Gp110; CD68 antigen; CD68; SCARD1; DKFZp686M18236; OTTHUMP00000135285; CD68 molecule; macrophage antigen CD68; scavenger receptor class D, member 1; CD68 antigen; macrosialin.

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