

Recombinant Human CD68

Catalog No.	CRC146A	Quantity:	2 µg
	CRC146B		5 µg
	CRC146C		10 µg

Alternate Names: GP110, SCARD1

Description: 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

Concentration: 0.1 mg/ml

Gene ID: 968

Source: *E. coli*

Molecular Weight: 38 kDa

Formulation: Sterile filtered liquid in 50 mM Tris-Acetate, pH 7.5 + 1 mM EDTA + 20% glycerol

Purity: > 90% as determined by RP-HPLC and SDS-PAGE analyses

Endotoxin Level: < 0.1 ng/µg of CD68

Storage & Stability: Stable for 1 year at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

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