

Product datasheet for AR50530PU-S

CD68 (22-319, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins	
Description:	CD68 (22-319, His-tag) human recombinant protein, 50 µg	
Species:	Human	
Expression Host:	E. coli	
Expression cDNA Clone or AA Sequence:	<u>MGSSHPLHHH SSGLVPRGSH MGSHM</u> NDCPH KKSATLLPSF TVTPTVTEST GTTSHRTTKS HKTTTHRTTT TGTTSHGPTT ATHNPTTTSH GNVTVHPTSN STATSQGPST ATHSPATTSH GNATVHPTSN STATSPGFTS SAHPEPPPPS PSPSPTSKET IGDYTWTNGS QPCVHLQAQI QIRVMYTTQG GGEAWGISVL NPNKTKVQGS CEGAHPHLLL SFPYGHLSFG FMQDLQQKVV YLSYMAVEYN VSFPHAAQWT FSAQNASLRD LQAPLGQSFS CSNSSIILSP AVHLDLLSLR LQAAQLPHTG VFGQSFSCPS DRS	
Tag:	His-tag	
Predicted MW:	34.1 kDa	
Concentration:	lot specific	
Purity:	>85% by SDS - PAGE	
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol, 0.1M NaCl	
Preparation:	Liquid purified protein	
Protein Description:	Recombinant human CD68 protein, fused to His-tag at N-terminus, was expressed in E.coli.	
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.	
Stability:	Shelf life: one year from despatch.	
RefSeq:	<u>NP 001035148</u>	
Locus ID:	968	
UniProt ID:	<u>P34810</u>	
Cytogenetics:	17p13.1	
Synonyms:	GP110; LAMP4; SCARD1	



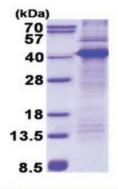
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CD68 (22-319, His-tag) Human Protein – AR50530PU-S

Summary: This gene 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. [provided by RefSeq, Jul 2008]

Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Lysosome

Product images:



15% SDS-PAGE (3ug)

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