

CD68, human recombinant

CATALOG #: 7343-50 50 µg

ALTERNATE NAMES: Macrosialin, GP110, LAMP4, SCARD1

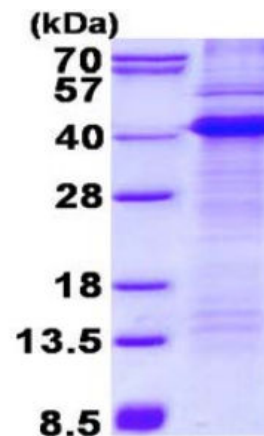
SOURCE: E. coli

PURITY: > 85% by SDS-PAGE

MOL. WEIGHT: 34.1 kDa (323 aa, 22-319 aa + His Tag), confirmed by MALDI-TOF.

FORM: Liquid

FORMULATION: 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 1 M Urea and 10% glycerol.



15% SDS-PAGE (3µg)

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STORAGE CONDITIONS: Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: Macrosialin, also known as CD68, is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. It is found in cytoplasmic granules and in the cytoplasm of various non-hematopoietic tissues including liver and kidney tubules and glomeruli. CD68 is also found, to a lesser extent, on the surface of macrophages, monocytes, neutrophils, basophils and large lymphocytes. Recombinant human CD68 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AMINO ACID SEQUENCE:

MGSSHPLHHH	SSGLVPRGSH	MGSHMNDCPH
KKSATLLPSF	TVTPTVTEST	GTTSHRTTKS
HKTTTHRTTT	TGTTSHGPTT	
ATHNPTTTS	GNVTVHPTSN	STATSQGPST
ATHSPATTSH	GNATVHPTSN	
STATSPGFST	SAHPEPPPPS	PSPSPSTKET
IGDYTWNGS	QPCVHLQAQI	
QIRVMYTTQG	GGEAWGISVL	NPNKTKVQGS
CEGAHPHLL	SFPYGHLSFG	
FMQDLQKQVV	YLSYMAVEYN	VSFPHAAQWT
FSAQNASLRD	LQAPLGQSFS	
CSNSSIILSP	AVHLDLLSLR	LQAAQLPHTG
VFGQSFSCPS	DRS	

RELATED PRODUCTS:

- CD200, human recombinant (Cat. No. 7309-100)
- CD226, human recombinant (Cat. No. 7310-100)
- CD274, mouse recombinant (Cat. No. 7311-100)
- CD300C, human recombinant (Cat. No. 7312-100)
- CD3G, human recombinant (Cat. No. 7313-100)
- CD46, human recombinant (Cat. No. 7314-100)
- CD5, human recombinant (Cat. No. 7315-100)
- CD7, human recombinant (Cat. No. 7316-100)
- CD74, human recombinant (Cat. No. 7317-100)
- CD79B, human recombinant (Cat. No. 7318-100)
- CD84, human recombinant (Cat. No. 7319-100)
- CD8B, human recombinant (Cat. No. 7320-100)

FOR RESEARCH USE ONLY! Not to be used in humans.

