

Recombinant human CD68 protein

Catalog Number: ATGP1706

PRODUCT INFORMATION

Expression system

E.coli

Domain

22-319aa

UniProt No.

P34810

NCBI Accession No.

NP_001242

Alternative Names

SCARD1, Macrosialin isoform A, Macrosialin, LAMP4, GP110, CD68

PRODUCT SPECIFICATION

Molecular Weight

34.1 kDa (323aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1M urea, 10% glycerol, 0.1M NaCl

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

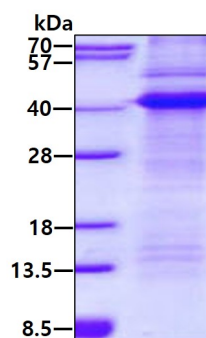
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TGTTSHGPTT ATHNPTTTSN GNVTVHPTSN STATSQGPST ATHSPATTSH GNATVHPTSN STATSPGFST SAHPEPPPPS
PSPSPTKET IGDYTWTNGS QPCVHLQAQI QIRVMYTTQG GGEAWGISVL NPNKTKVQGS CEGAHPHLLL SFPYGHLSFG
FMQDLQQKVV YLSYMAVEYN VSFPHAAQWT FSAQNASLRD LQAPLGQSFS CSNSSIILSP AVHLDLLSLR LQAAQLPHTG
VFGQSFSCPS DRS

General References

Holness CL., et al. (1993) Blood. 81(6):1607-13.
Shun CT., et al. (2009) J Infect Dis. 199:1488-1496.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.