

Product information



CD68, 22-319aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1706

Full name: Macrosialin

NCBI Accession No.: NP_001242

Synonyms: GP110, LAMP4, SCARD1

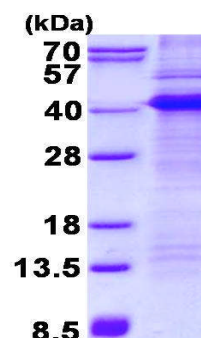
Description: Macrosialin, also known as CD68, is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. It is found in cytoplasmic granules and in the cytoplasm of various non-hematopoietic tissues including liver and kidney tubules and glomeruli. CD68 is also found, to a 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*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea,
10% glycerol, 0.1M NaCl

Molecular Weight: 34.1 kDa (323aa)

Purity: > 85% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHPLHHH SSGLVPRGSH MGSNMNDCPH KKSATLLPSF TVTPTVTEST GTTSHRTTKS HKTTHRTTT TGTTSHGPTT ATHNPTTSH
GNVTVHPTSN STATSQGPST ATHSPATTSH GNATVHPTSN STATSPGFTS SAHPEPPPPS PSPSPTSKET IGDTWTNGS QPCVHLQAQI
QIRVMYTTQG GGEAWGISVL NPNKTKVQGS CEGAHPHLLL SFPYGHLSFG FMQDLQKQVV YLSYMAVEYN VSFPHAAQWT FSAQNASLRD
LQAPLGQSFS CSNSSI ILSP 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.

Storage: 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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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