

Product information

CD68, 22-319aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3484

Full name: Macrosialin isoform A

NCBI Accession No.: NP_001242

Synonyms: CD68, GP110, LAMP4, SCARD1

Description: CD68, also known as macrosialin, is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. It is expressed on monocytes/macrophages. 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 on the surface of macrophages, monocytes, neutrophils, basophils and large lymphocytes. Recombinant human CD68 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

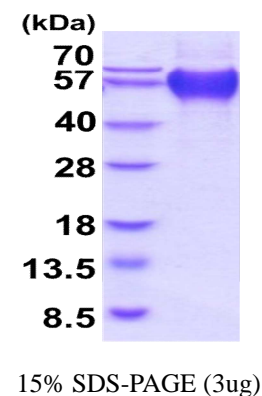
Molecular Weight: 32.6kDa (307aa)
57-70KDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Ala

Purity: > 95% by SDS - PAGE.

Concentration: 1.0mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



Sequences of amino acids:

ADPNDCPHKK SATLLPSFTV TPTVTESTGT TSHRTTKSHK TTTHRTTTTG TSHGPTTAT HNPTTTSNGN VTVHPTSNSAT ATSQGPSTAT
 HSPATTSHGN ATVHPTSNSAT ATSPGFTSSA HPEPPPPSPS PSPTSKETIG DYTWTNGSQP CVHLQAQIQI RVMYTTQGGG EAWGISVLNP
 NKTQVQSCE GAHPHLLLSF PYGHLSFGFM QDLQKVVYL SYMAVEYNVS FPHAAQWTFSA AQNASLRDLQ APLGQSFSCS NSSIILSPAV
 HLDLLSLRLQ AAQLPHTGVF GQSFSCPSDR SHHHHHH

General references:

Strobl H. *et al.*, (1995) *Br. J. Haematol.* 90:774-782.

Ogawa Y. *et al.*, (1995) *Pathol. Int.* 45:698-701.

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.