

ICAM1, 28-480aa, Human, hlgG-His tag, Insect cell

Cat.NO.: TP02547

3th Edition

Synonyms:Intercellular adhesion molecule 1, BB2, CD54

Description:ICAM1, also known as intercellular adhesion molecule 1, is a member of the immunoglobulin superfamily. They are important in inflammation, immune responses and in intracellular signalling events. It is known to bind to leucocyte integrins CD11/CD18 such as LFA-1 and Macrophage-1 antigen, during inflammation and in immune responses. Recombinant human ICAM1, fused to hlgG-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:

Sequences:

QTSVSPSKVILPRGGSVLVTCSTSCDQPKLLGIETPLPKKELLPGNNRKVYELSNVQEDSQPMCYSNCPDGGQSTA
KTFLTYYWTPERVELAPLPSWQPVGKNLTLRCQVEGGAPRANLTVVLLRGEKELKREPAVGEPAEVTTTTVLVRRD
HHGANFSCRTELRLRPQGLELFENTSAPYQLQTFVLPATPPQLVSPRVLEVDTQGTVVCSLDGLFPVSEAQVHLAL
GDQRLNPTVITYGNDSFSAKASVSVTAEDEGTQRLTCAVILGNQSQETLQTVTIYSFPAPNVILTKPEVSEGTEVTVK
CEAHPRAKVTLNGVPAQPLGPRAQLLLKATPEDNGRSFSCSATLEVAGQLIHKNTRELRLVLYGPRLDERDCPGN
WTPENSQQTPMCQAWGNPLPELKCLKDGTFFPLPIGESVTVTRDLEGTYLCRARSTQGEVTVRETVNVLSPRYEV
EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCL
LVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRWQQGNVVFSCSVMHEALHNHYRQKSLS
LSPGKHHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

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

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.