

32-13263: ICAM1 Mouse

Alternative Name : Intercellular adhesion molecule 1, ICAM-1, Major group rhinovirus receptor, CD54 antigen, ICAM1, BB2, CD54, P3.58

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Intercellular adhesion molecule 1 or ICAM1 is a protein, part of the ICAM family of proteins. ICAM1 acts as ligand for integrin alpha-L/beta-2 which is a leukocyte adhesion peptide. Amid migration of leukocytes ICAM1 promotes endothelial apical assembly cups via activation of ARHGEF26/SGEF & RHOG.

ICAM1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 466 amino acids (28-485 a.a) and having a molecular mass of 51.2kDa. ICAM1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The ICAM1 solution (0.5mg/1ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : QVSIHPREAF LPQGGSVQVN CSSSCKEDLS LGLETQWLKD ELESQPNWKL FELSEIGEDS SPLCFENCGT VQSSASATIT VYSFPESVEL RPLPAWQQVG KDLTLRCHVD GGAPRTQLSA VLLRGEEILS RQPVGGHPKD PKEITFTVLA SRGDHGANFS CRTELDLRPQ GLALFSNVSE ARSLRTFDLP ATIPKLDTPD LLEVGTQQKL FCSLEGLFPA SEARIYLELG QQMPTQESTN SSDSVSATAL VEVTEEFDRD LPLRCVLELA DQILETQRTL TVYNFSAPVL TLSQLEVSEG SQQTVKCEAH SGSKVLLSG VEPRPPTQV QFTLNASSED HKRSFFCSAA LEVAGKFLFK NQTLLEHVLY GPRLDLTDCL GNWTWQEGSQ QTLKCQAWGN PSPKMTCTRRK ADGALLPIGV VKSVKQEMNG TYVCHAFSSH GNVTRNVYLT VLYHSQNNVE HHHHHH