
Product Data Sheet

Product Name: ICAM1 Mouse

Cat. No.: GP26293

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition withIcePacks

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

Amino Acid Sequence

QVSIHPREAF LPQGGSVQVN CSSCKEDLS LGLETQWLKD EESGPNWKL
 FELSEIGEDS SPLCFENCGT VQSSASATIT VYSFPESVEL RPLPAWQQVG
 KDLTLRCHVD GGAPRTQLSA VLLRGEEILS RQPVGGHPKD PKEITFTVLA
 SRGDHGANFS CRTELDLRPQ GLALFSNVSE ARSLRTFDLP ATIPKLDTPD
 LLEVGTQQKL FCSLEGLFPA SEARIYLELG GQMPTQESTN SSDSVSATAL
 VEVTEEFDRD LPLRCVLELA DQILETQRTL TVYNFSAPVL TLSQLEVSEG
 SQVTVKCEAH SGSKVLLSG VEPRPPTQV QFTLNASSED HKRSFFCSAA
 LEVAGKFLFK NQTLELHVLY GPRLDETDCD GNWTWQEGSQ QTLKCQAWGN
 PSPKMTERRK ADGALLPIGV VKSVKQEMNG TYVCHAFSSH GNVTRNVYLT
 VLYHSQNNVE HHHHHH

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

Introduction

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.

Stability

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA