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SELE Human, Sf9

E-Selectin Human Recombinant, Sf9
RCP2020

Product Overview

Name	SELE Human, Sf9

Description

E-Selectin Human Recombinant, Sf9

Accession (Primary)	P16581

Synonyms

E-selectin, Endothelial leukocyte adhesion molecule 1, ELAM-1, Leukocyte-endothelial cell adhesion molecule 2, LECAM2, CD62E antigen, SELE, ELAM1, ELAM, ESEL, CD62E

Introduction

E-selectin (SELE) is a part of a family of divalent cation-dependent carbohydrate-binding glycoproteins or adhesion molecules. E-selectin is expressed on the surface of endothelial cells and mediates the interaction of leukocytes and platelets with endothelial cells during an inflammatory response. E-selectin is present in single copy in the human genome and contains 14 exons spanning about 13 kb of DNA.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

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

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLNS ILSYSPSYYW IGIRKVNNVW VWVGTQKPLT EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS APIPACNVVE CDAVTNPANG FVECFQNPGS FPWNTTCTFD CEEGFELMGA QSLQCTSSGN WDNEKPTCKA

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VTCRAVRQPQ NGSVRCSHSP AGEFTFKSSC NFTCEEGFML QGPAQVECTT QGQWTQQIPV CEAFQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST QLECTSQGQW TEEVPSCQVV KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA RTCGATGHWS GLLPTCEAPT ESNIP HHHHH H

Biological Activity

Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells, which are added to human E-Seletin/CD62E coated plates 2ug/ml. This effect is > 40%.

Precautions

SELE Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16581)