

32-20602: Recombinant Human E-Selectin(Discontinued)

Reactivity : Human, Mouse

Alternative Name : Endothelial leukocyte adhesion molecule 1 (ELAM1), CD62E, SELE

Description

Source:CHO cells

Selectins are a family of calcium-dependent type 1 transmembrane proteins. Endothelial (E)-selectin is a heavily glycosylated transmembrane protein expressed by activated endothelial cells in microvascular linings. E-selectin, along with P-selectin and L-selectin, initiate recruitment of circulating leukocytes from blood to sites of inflammation in the vascular lining through interaction with specific cell surface-associated carbohydrate determinants. E-selectin consists of an N-terminal type 1 lectin domain, an EGF-like domain, 6 sushi (CCP/SCR) domains, a transmembrane sequence, and a short cytoplasmic domain. Recombinant Human E-selectin is a 58.6 kDa protein containing 535 amino acid residues, corresponding to the extracellular portion of the full length protein. Due to glycosylation, E-selectin migrates at an apparent molecular weight of approximately 65-85 kDa by SDS-PAGE analysis under reducing conditions.

Product Info

Amount : 10 µg / 50 µg

Purification : Purity:>= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLNS ILSYSPSYW IGIRKVNNVW VVVGTVQKPLT
EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY
TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS
APIPACNVVE CDAVTNPANG FVECFQNPQS FPWNTTCTFD CEEGFELMGA QSLQCTSSGN
WDNEKPTCKA VTCRAVRQPQ NGSVRCSHSP AGEFTFKSSC NFTCEEFGML QGPAQVECTT
QGQWTQQIPV CEAQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ
CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST
QLECTSQGQW TEEVPSCQVV KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA
RTCGATGHWS GLLPTCEAPT ESNIP

Application Note

Measured by its ability to support adhesion of U937 cells, a human histiocytic lymphoma cell line.