

## 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 VWVGTQKPLT  
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 TYKSSCAFS CEEGFELHGST  
QLECTSQGQW TEEVPSCQVV KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA  
RTCGATGHWS GLLPTCEAPT ESNIP

### Application Note

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