

## 32-13793: SELE Human, Sf9

- Format :** The SELE solution (0.5mg/1ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.
- Alternative Name :** E-selectin, Endothelial leukocyte adhesion molecule 1, ELAM-1, Leukocyte-endothelial cell adhesion molecule 2, LECAM2, CD62E antigen, SELE, ELAM1, ELAM, ESEL, CD62E

### Description

Source:Sf9, Baculovirus cells.

Physical Appearance: Sterile filtered colorless solution.

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-Selectin/CD62E coated plates 2ug/ml. This effect is > 40%.

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.

SELE Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 541 amino acids (22-556 a.a) and having a molecular mass of 59.4kDa. SELE is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

### Product Info

- Amount :** 20 µg / 5 µg
- Purification :** Greater than 95.0% as determined by SDS-PAGE.
- 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 :** WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLS ILSYSPSYW IGIRKVNNVW VVVGTKPLT  
EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY  
TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS  
APIPACNVVE CDAVTNPANG FVECFQNP GS FPWNTTCTFD CEEGFELMGA QSLQCTSSGN  
WDNEKPTCKA VTCRAVRQPQ NGSVRC SHSP AGEFTFKSSC NFTCEGFML QGPAQVECTT  
QGQWTQQIPV CEAQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ  
CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST  
QLECTSQGQW TEEVPSCQVV KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA  
RTCGATGHWS GLLPTCEAPT ESNIPHHHHH H