

32-4795: Recombinant Human E-Selectin HEK

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 : HEK293 cells. SELE Human Recombinant produced by mammalian expression system in human cells is a single polypeptide chain containing 543 amino acids (22-556). SELE is fused to an 8 amino acid His-tag at C-terminus and is purified by proprietary chromatographic techniques. E-selectin which is also called Endothelial leukocyte adhesion molecule 1, ELAM1, ELAM belongs to a family of divalent cation-dependent carbohydrate-binding glycoproteins or adhesion molecules. Eselectin 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.

Product Info

Amount : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : SELE was lyophilized from a 0.2 mM filtered solution of PBS and 4% Mannitol, pH 7.5.
Storage condition : Lyophilized SELE although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SELE should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Amino Acid : WSYNTSTEAMTYDEASAYCQQRythLVAIQNKEEIEYLNLSILSYSPSYWIGIRKVNNVVWVGTQKPLTEEAK
 NWAPGEPNNRQKDEDCVEIYIKREKDVGMWNDERCSKKLALCYTAACNTSCSGHGECVETINNYTCKCDP
 GFSGLKCEQIVNCTALESPEHGLVCSHPLGNFSYNSSCSISCDRGLPSSMETMQCMSSGEWSAPIACNVVE
 CDAVTNPANGFVECFQNPFSFPWNTTCTFDCEEGFELMGAQSLQCTSSGNWDNEKPTCKAVTCRAVRQPQN
 GSVRCSHSPAGEFTFKSSCNFTCEEGFMLQGPAQVECTTQGGWTQIPVCEAFQCTALSNERGYMNLPSA
 SGFRYGSSECFSCQGFVLKGSKRLQCGPTGEWDNEKPTCEAVRCDAVHQPPKGLVRCASPIGEFTYKSSC
 AFSCEEGFELHGSTQLECTSQGQWTEVPSCQVVKCSLAVPGKINMSCSGEPVFGTVCKFACPEGWTLNGS
 AARTCGATGHWSGLLPTCEAPTESNIPVDHHHHHHH.

Application Note

It is recommended to reconstitute the lyophilized SELE in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

