

E-Selectin Human Recombinant, HEK

Item Number	rAP-4735
Synonyms	E-selectin, Endothelial leukocyte adhesion molecule 1, ELAM-1, Leukocyte-endothelial cell adhesion molecule 2, LECAM2, CD62E antigen, SELE, ELAM1, ELAM, ESEL, CD62E.
Description	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; is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P16581
Amino Acid Sequence	WSYNTSTEAMTYDEASAYCQQRVTHLVAIQNKKEIEYLNSIL- SYSPSYWIGIRKVNWVWVGTKPLTEEAKNWAPGEPNNRQKDEDCVEIYIKREKDVGMWNDERCSK KKLALCYTAACNTNTSCSGHGECVETINNYTCKCDPGFSGLKCEQIVNCTALESPEHGSLVCSHPLGNFSYN SSCSISCDRGYLPSSMETMQCMSSGEWSAPIACNVVECDVTPANGFVECFQNPGSFPWNTTCTFDC EEGFELMGAQSLQCTSSGNWDNEKPTCKAVTCRAVRQPQNGSVRCSHSPAGEFTFKSSCNFTCEEFGM LQGPAQVECTTQGQWTQQIPVCEAFQCTALSNPERGYMNCPLPSASGSFRYGSSCEFSCEQGFVLKGSKR
Source	HEK293 cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	SELE was lyophilized from a 0.2 µM filtered solution of PBS and 4% Mannitol, pH 7.5. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	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.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**