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## Product Data Sheet

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Product Name: SELE Human, HEK  
Cat. No.: GP24518  
Batch No.: 1

### Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition

Synonyms E-selectin; Endothelial leukocyte adhesion molecule 1; ELAM-1; Leukocyte-endothelial cell adhesion molecule 2; LECAM2; CD62E ar

Amino Acid Sequence WSYNTSTEAMTYDEASAYCQQRythlVAIQNKEEIEYLNSILSYSPSYWIGIRKVNNVVWVGTQKPLTEEAKNWAPGEPNNRQKDEDCVEIYIKREK

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  
Formulation SELE was lyophilized from a 0.2 µM filtered solution of PBS and 4% Mannitol, pH 7.5.

### Introduction

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.

### Stability

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.

### Background

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 purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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