

Datasheet for ABIN7534500

Selectin E/CD62e Protein (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Selectin E/CD62e (SELE)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Selectin E/CD62e protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human SELE/E-selectin/CD62E Protein
Sequence:	WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLNLS ILSYSPSYW IGIRKVNNVW VWVGTTQKPLT EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS APIPACNVVE CDAVTNPANG FVECFQNPGR FPWNTTCTFD CEEGFELMGA QSLQCTSSGN WDNEKPTCKA VTCRAVRQPQ NGSVRCSHSP AGEFTFKSSC NFTCEEGLMGA QGPAQVECTT QGQWTQQIPV CEAFQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST QLECTSQGQW TEEVPSCQVW KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA RTCGATGHWS GLLPTCEAPT ESNIP
Specificity:	Trp22-Pro556
Purity:	> 97 % by SDS-PAGE.

Product Details

Sterility:	0.22 µm filtered
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5 x 10 ⁴ cells/well are added to human E-Selectin/Fc Chimera coated plates (2 µg/mL with 100 µL/well), approximately 40-50% will adhere after 1 hour incubation at 37°C.

Target Details

Target:	Selectin E/CD62e (SELE)
Alternative Name:	SELE/E-selectin/CD62E (SELE Products)
Background:	Description: The protein is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. Name: SELE,CD62E,ELAM,ELAM1,ESEL,LECAM2
Gene ID:	6401
UniProt:	P16581
Pathways:	Thromboxane A2 Receptor Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Handling

Storage:	-20 °C,-80 °C
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Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
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