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Datasheet for ABIN1880616
Selectin E/CD62e Protein (AA 22-556) (His tag)

Overview

Quantity:	50 µg
Target:	Selectin E/CD62e (SELE)
Protein Characteristics:	AA 22-556
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Selectin E/CD62e protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human E-Selectin//ELAM1/CD62E (C-6His)
Sequence:	<p>WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLSN ILSYSPSYW IGIRKVNNVW VWVGTTQKPLT EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS APIPACNVVE CDAVTNPANG FVECFQNPGS FPWNTTCTFD CEEGFELMGA QSLQCTSSGN WDNEKPTCKA VTCRAVRQPQ NGSVRCSHSP AGEFTFKSSC NFTCEEGLMGA QGPAQVECTT QGQWTQQIPV CEAQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST QLECTSQGQW TEEVPSCQVW KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNLSAA RTGATGHWS GLLPTCEAPT ESNIPVDHHH HHH</p>
Characteristics:	Recombinant Human E-selectin/ sele is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Trp22-Pro556) of Human E-selectin fused with a polyhistidine tag at the C-terminus.

Product Details

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Selectin E/CD62e (SELE)
Alternative Name:	E-Selectin/ Sele (SELE Products)
Sub Type:	Fusionprotein
Background:	<p>SELE is expressed on the surface of endothelial cells and mediates the interaction of leukocytes and platelets with endothelial cells during an inflammatory response. SELE functions as a cell-surface glycoprotein and has a role in immunoadhesion. In addition, SELE may also have a role in capillary morphogenesis.</p> <p>Alternative Names: E-selectin (SELE), also known as CD62 antigen-like family member E, Endothelial leukocyte adhesion molecule 1, Leukocyte-endothelial cell adhesion molecule 2, CD62E and ELAM1, is a single-pass type I membrane protein which belongs to the selectin/LECAM fa</p>
Molecular Weight:	58.6 kDa
UniProt:	P16581
Pathways:	Thromboxane A2 Receptor Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, 4 % Mannitol, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Handling

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 3 months