

Datasheet for ABIN2468354 **Selectin E/CD62e Protein**



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Overview

Quantity:	0.01 mg
Target:	Selectin E/CD62e (SELE)
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLNS ILSYSPSYW IGIRKVNNVW VWVGTQKPLT EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS APIPACNVVE CDAVTNPANG FVECFQNPGS FPWNTTCTFD CEEGFELMGA QSLQCTSSGN WDNEKPTCKA VTCRAVRQPQ NGSVRCSSHSP AGEFTFKSSC NFTCEEGLM QGPAQVECTT QGQWTQQIPV CEAFQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST QLECTSQGQW TEEVPSCQVV KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA RTCGATGHWS GLLPTCEAPT ESNIP
Characteristics:	Biological activity was measured by its ability to support adhesion of U937 cells, a human hystiocytic lymphoma cell line.
Purity:	< 95 % by SDS-PAGE gel and HPLC analyses.
Endotoxin Level:	Endotoxin level is less than 0.1 ng per µg (1 EU/µg).

Target Details

Target:	Selectin E/CD62e (SELE)
Alternative Name:	E-Selectin (SELE Products)
Background:	Selectins are a family of calcium-dependent type 1 transmembrane proteins. Endothelial (E)-selectin is a heavily glycosylated transmembrane protein expressed by activated endothelial cells in microvascular linings. E-selectin, along with P-selectin and L-selectin, initiate recruitment of circulating leukocytes from blood to sites of inflammation in the vascular lining through interaction with specific cell surface associated carbohydrate determinants. E-selectin consists of an N-terminal type 1 lectin domain, an EGF-like domain, 6 sushi (CCP/SCR) domains, a transmembrane sequence, and a short cytoplasmic domain. Recombinant human E-selectin is a 58.6 kDa protein containing 535 amino acid residues, corresponding to the extracellular portion of the full length protein. Due to glycosylation, E-selectin migrates at an apparent molecular weight of approximately 65-85 kDa by SDS-PAGE analysis under reducing conditions.
Gene ID:	28
NCBI Accession:	NP_065202
OMIM:	58331216
UniProt:	P16442
Pathways:	Thromboxane A2 Receptor Signaling

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Handling Advice:	As with any protein, exposing E-Selectin recombinant protein to repeated freeze / thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
Storage:	-20 °C
Storage Comment:	The recombinant protein is stable for at least 2 years from date of receipt at -20 °C. Reconstituted E-Selectin stable for at least 3 months when stored in working aliquots with a carrier protein at -20 °C.

Handling

Expiry Date: 24 months