

E-selectin/CD62E Protein, Cynomolgus (HEK293, His)

Cat. No.: HY-P75220

Synonyms: E-selectin; ELAM-1; LECAM2; CD63E; SELE

Species: Cynomolgus Source: HEK293

Accession: G8F370 (W22-P556)

Gene ID:

Molecular Weight: 95-115 kDa

PROPERTIES

AA Sequence				
	WSYNTSTEAM	TYDEASAYCQ	QRYTHLVAIQ	NKEEIEYLNS
	ILSYSPSYYW	IGIRKVNNVW	VWVGTQKPLT	EEAKNWAPGE
	PNNRQKDEDC	VEIYIKRDKD	VGMWNDERCS	KKKLALCYTA
	ACTNTSCSGH	GECVETINNY	TCKCDPGFSG	LECEQIVNCT
	ALESPEHGSL	VCSHPLGNFS	YSSSCSVSCD	RGYLPSSVET
	TQCMSSGEWS	VPIPACKVVE	CDAVTNPANG	FVECFQNPGS
	FPWNTTCTFD	CEEGFELMGA	QSLQCTSSGN	WDNEKPTCKA
	VTCRAIRQPQ	NGSVRCSHSP	AGEFTFKSSC	NFTCEEGFML
	QGAAQVECTT	QGQWTQQVPV	CEAFQCTALS	NPERGYMNCL
	PSASGSFRNG	SSCEFSCEQG	FVLKGSKRLQ	CGPTGEWDNE
	KPTCEAVRCD	AVHQPQRGLV	RCAHSPIGEF	TYKSSCAFSC
	EEGFELHGST	QLECTSQGQW	TEEVPSCQVV	KCSSLAVLEK
	INMSCSGEPV	FGTVCNFACP	EGWRLNGSAA	MTCGATGHWS
	GMLPTCEAPT	ESNTP		
Biological Activity	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. ED_{50} for this effect is 29.560 ng/mL, corresponding to a specific activity is 3.392×10^4 units/mg.			
	ED ₅₀ for this effect is 29.50	60 ng/mL, corresponding to	a specific activity is 3.392×10	0 ⁴ units/mg.
Appearance	Lyophilized powder	60 ng/mL, corresponding to	a specific activity is 3.392×10	⁴ units/mg.
Appearance Formulation	Lyophilized powder	filtered solution of PBS, pH		
	Lyophilized powder Lyophilized from a 0.2 μm	filtered solution of PBS, pH ore lyophilization.		
Formulation	Lyophilized powder Lyophilized from a 0.2 μm added as protectants before \$\$ <1 EU/μg, determined by \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	filtered solution of PBS, pH ore lyophilization. LAL method.		alose, mannitol and 0.01% Tween 80
Formulation Endotoxin Level	Lyophilized powder Lyophilized from a 0.2 μm added as protectants before the company of the co	filtered solution of PBS, pH ore lyophilization. LAL method. reconstitute to a concentrat	7.4. Normally 5 % - 8 % treh tion less than 100 μg/mL in c able at 4°C for 1 week or -20	alose, mannitol and 0.01% Tween 80

DESCRIPTION

Background

The E-selectin/CD62E Protein is a vital member of the selectin/LECAM family, signifying its significant role in cell adhesion processes. As part of this family, E-selectin likely shares conserved structural and functional features with related proteins, indicating its involvement in mediating interactions between leukocytes and endothelial cells. The classification within the selectin/LECAM family underscores its specific designation within the broader context of cell adhesion molecules, providing insights into its unique contributions to cellular adhesion. The study of E-selectin/CD62E contributes to our understanding of its role in inflammatory responses and immune cell trafficking, offering potential applications in therapeutic interventions and a deeper comprehension of its broader impact on cellular processes involved in immune surveillance and inflammation. Further exploration of E-selectin/CD62E's role holds promise for enhancing our knowledge of its contributions to normal physiology and pathological conditions.

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

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