Recombinant Rat Selectin E

Cat. No. Sele-1791R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Rat
Source	Mammalian Cells
Description	E-selectin, also known as CD62E is an inducible leukocyte adhesion glycoprotein specifically expressed by endothelial cells. E-selectin helps initiate recruitment of circulating leukocytes to cutaneous, bone and inflamed tissues. E-selectin is found in inflammatory skin lesions in psoriasis, contact dermatitis, and delayed- type hypersensitivity, in arthritic joints, and in heart and renal allografts undergoing rejection. E-selectin-targeting antibody drug conjugate has potential as a prostate cancer therapy.
Molecular Weight	The predicted molecular weight of Recombinant Rat E-Selectin is Mr 78 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 110-120 kDa.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/μg as determined by the LAL method
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -

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	20℃ to -70℃. After aseptic reconstitution, this protein may be stored at 2℃ to 8℃ for one month or at -20℃ to -70℃ in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	Sele selectin E [Rattus norvegicus]
Synonyms	Sele; selectin E; endothelial cell; selectin
Gene ID	25544
mRNA Refseq	NM_138879
Protein Refseq	NP_620234
UniProt ID	P98105
Chromosome Location	13q22
Pathway	Cell adhesion molecules (CAMs)
Function	molecular_function; oligosaccharide binding; phospholipase binding; protein binding; sialic acid binding; sugar binding; transmembrane receptor activity

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PDB rendering based on 1esl.	

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