

Recombinant Human SELE Protein

Catalog #	Source	Reactivity	Applications
CRP2251	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SELE Protein is produced by our Mammalian expression system and the target gene encoding Trp22-Pro556 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of PBS, 4% Mannitol, pH 7.4

Gene Symbol SELE

Alternative Names ELAM1; E-selectin; CD62 antigen-like family member E; Endothelial leukocyte adhesion molecule 1; ELAM-1; Leukocyte-endothelial cell adhesion molecule 2; LECAM2; CD62E

Entrez Gene 6401 (Human)

SwissProt P16581 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure WSYNTSTEAM TYDEASAYCQ QRYTHLVAIQ NKEEIEYLNS ILSYSPSYW IGIRKVNNVW VVVGTTQKPLT EEAKNWAPGE PNNRQKDEDC VEIYIKREKD VGMWNDERCS KKKLALCYTA ACTNTSCSGH GECVETINNY TCKCDPGFSG LKCEQIVNCT ALESPEHGSL VCSHPLGNFS YNSSCSISCD RGYLPSSMET MQCMSSGEWS APIPACNVVE CDAVTNPANG FVECFQNPQS FPWNTTCTFD CEEGFELMGA QSLQCTSSGN WDNEKPTCKA VTCRAVRQPQ NGSVRC SHSP AGEFTFKSSC NFTCEEFGML QGPAQVECTT QGQWTQQIPV CEAQCTALS NPERGYMNCL PSASGSFRYG SSCEFSCEQG FVLKGSKRLQ CGPTGEWDNE KPTCEAVRCD AVHQPPKGLV RCAHSPIGEF TYKSSCAFSC EEGFELHGST QLECTSQGQW TEEVPSCQVV KCSSLAVPGK INMSCSGEPV FGTVCKFACP EGWTLNGSAA RTCGATGHWS GLLPTCEAPT ESNIPVDHHH HHH

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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