Recombinant human L-Selectin/CD62L protein

Catalog Number: ATGP3674

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
52-345aa

UniProt No.
P14151

NCBI Accession No.
NP_000646

Alternative Names
L-selectin, CD62 antigen-like family member L, Leukocyte adhesion molecule 1, LAM-1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor, TQ1, gp90-MEL, CD62L, SELL, LNHR, LYAM1

PRODUCT SPECIFICATION

Molecular Weight
34.1 kDa (303aa)

Concentration
0.25mg/ml (determined by absorbance at 280nm)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
SELL, also known as L-selectin, is a cell surface component that is a member of a family of adhesion/homing receptors that play important roles in lymphocyte-endothelial cell interactions. This protein mediated

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lymphocyte recirculation is required for maintaining the appropriate tissue distribution of lymphocyte subpopulations including naive and effector subsets such as regulatory T cells. Importantly, this protein has been shown to have both adhesive and signaling functions during leukocyte migration. Recombinant human SELL, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

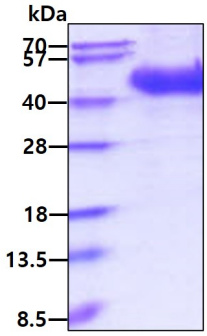
<ADP>WTYHYSE KPMNWQRARR FCRDNYTDLV AIQNKAEIEY LEKTLPFSRS YYWIGIRKIG GIWTWVGTNK SLTEEAENWG DGEPNNKKNK EDCVEIYIKR NKDAGKWNDD ACHKLKAALC YTASCQPWSC SGHGECVEII NNYTCNCDVG YYGPQCQFVI QCEPLEAPEL GTMDCTHPLG NFSFSSQCAF SCSEGTNLTG IEETTCGPFG NWSSPEPTCQ VIQCEPLSAP DLGIMNCSHP LASFSFTSAC TFICSEGTEL IGKKKTICES SGIWSNPSPI CQKLDKSFSM IKEGDY<NHHH HHH>

General References

Smalley DM., et al. (2005) J Cell Mol Med. 9:255-266.
Kohn LA., et al. (2012) Nat. Immunol. 13:963-971.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.