LAX1 cDNA Clone – Lymphocyte Transmembrane Adaptor 1 (Human)

PRODUCT OVERVIEW

Product Name	LAX1, cDNA Clone
Full Product Name	LAX1 cDNA Clone
Product Gene Name	LAX1 cdna clone
Sequence	atgcccttgc tgactttgcc acaaaccaga caaagagcca aaaatattta tgacatcttg ccttggcgac aggaagacct ggggagacat gagtcgagga gtatgcgcat tttcagtact gagagcctcc tctccagaaa ttctgagagc ccggagcatg tgccctccca agcaggcaat gccttccagg agcatacagc ccacatccat gccacagagt acgcggtggg tatctatgac aacgccatgg tcccccagat gtgtgggaac ctcactccct cggcacactg catcaatgtc agagcttcca gagactgcgc aagcatttct tcagaggatt cgcatgatta tgtcaatgtc cccacagcag aagagattgc tgagactcta gcttctacca aaagcccttc cagaaatctc tttgttcttc ccagtaccca gaagctggag tttactgagg aaagagatga gggctgtgga gatgctggtg actgcaccag tttgtattct ccaggagctg aggacagtga ttcactcagc aatggagaag gttcttctca gatctcaaat gactatgtca acatgacagg gttggatctc agtgccatcc aggaaaggca gctctgggtg gcttttcagt gctgcagaga ctatgaaaat gttccagcag cagatcccag tggaagccag cagcaggctg agaaagatgt gccatcctca aacataggtc atgtcgagga caagacagat gatcccggga cccatgtcca atgtgtcaaa aggacattcc ttgcttcagg ggattatgca gactttcagc cattcacaca gagtgaggac agtcagatga aacatagaga agagatgtca aatgaggact ccagtgacta tgaaaatgtg ctaactgcca agttaggagg cagggactct gagcaggggc ctggcactca gctccttcct gatgaatga
Molecular Weight	42,491 Da
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LAX1 cdna clone	MBS1267283 is a cDNA clone targeting LAX1.
Other Notes	Small volumes of LAX1 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAX1. It may not necessarily be applicable to this product.

NCBI GI #	46854880
NCBI GeneID	54900
NCBI Accession #	BC069650
UniProt Secondary Accession #	Q6NSZ6; Q9NXB4; B7Z744; J3KP69
UniProt Related Accession #	Q8IWV1
NCBI Official Full Name	Homo sapiens lymphocyte transmembrane adaptor 1, mRNA
NCBI Official Synonym Full Names	lymphocyte transmembrane adaptor 1
NCBI Official Symbol	LAX1
NCBI Official Synonym Symbols	LAX
UniProt Protein Name	Lymphocyte transmembrane adapter 1
UniProt Synonym Protein Names	Linker for activation of X cells; Membrane-associated adapter protein LAX
Protein Family	Lymphocyte transmembrane adapter

UniProt Gene Name	LAX1
UniProt Synonym Gene Names	LAX
UniProt Entry Name	LAX1_HUMAN
NCBI Protein Information	lymphocyte transmembrane adapter 1
UniProt Comments for LAX1	LAX1: Negatively regulates TCR (T-cell antigen receptor)- mediated signaling in T-cells and BCR (B-cell antigen receptor)- mediated signaling in B-cells. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Adaptor/scaffold; Membrane protein, integral Chromosomal Location of Human Ortholog: 1q32.1 Cellular Component: cytoplasm; Golgi apparatus; integral to membrane; lipid raft; membrane; plasma membrane Molecular Function: protein binding; protein kinase binding; SH2 domain binding Biological Process: B cell activation; immune response; inactivation of MAPK activity; negative regulation of T cell activation
Research Articles on LAX1	**1.** TRIM required LAX for binding to Rab8 in a complex, a novel CTLA-4/TRIM/LAX/Rab8 effector complex in the transport of CTLA-4 to the surfaces of T cells
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