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Datasheet for ABIN7558623  
**LAX1 Protein (AA 1-407) (His tag)**

## Overview

Quantity:	1 mg
Target:	LAX1
Protein Characteristics:	AA 1-407
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAX1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Lax1 Protein expressed in mammalian cells.
Sequence:	MYSTPAPPEV TRRNSEPSTR QGTLGSLQGE KGQIIFPGFV VLLTIILVII AACILWSWKK QKKRPVPYFQ VAPSLTLPPP RHRAKNIYDF LPRQQTELGR HQLSGFSTES LLSRASDSPE PEAPQANGSL QMHRVSVHTV EYSVNIYDNG TVPQMCRHLA SSTHHVCVRT SRSNPSISSK ESNDYVNIPT VEDTCETLTR IESTPENHLG LPSALRLEFA EGGHAGCGNA TDHDGFWAPG PKCSDSLSDG DDLSQTSNDY VNMTGLDLEN IQENRPRGAF QCCRDYENVP WVDTNESQLP TLEEVASSTV DHREPVWRTL SSVYHMAFQP SAQSEDSAMV HREEQSSEDS SDYETVLVAE LEGRDWKQGP GTQHPSDEGT PGDLAGKLCE VVYPAGSLAT ETSDEDA <b>Sequence without tag.</b> <b>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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### Characteristics:

### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

LAX1

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### Alternative Name:

Lax1 ([LAX1 Products](#))

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### Background:

Lymphocyte transmembrane adapter 1 (Linker for activation of X cells) (Membrane-associated adapter protein LAX),FUNCTION: Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells and BCR (B-cell antigen receptor)-mediated signaling in B-cells. {ECO:0000269|PubMed:15843560}.

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### Molecular Weight:

44.8 kDa

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### UniProt:

[Q8BHB3](#)

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### Pathways:

[Production of Molecular Mediator of Immune Response](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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### Restrictions:

For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months