

# Product Information

## MemDX™ Membrane Protein Human LAT2 (Linker for activation of T cells family member 2)

### Full Length

Cat. No.: **MPC2646K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human LAT2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

LAT2

#### Protein Length

Full length

#### Protein Class

Immunity

#### TMD

1

#### Sequence

MSSGTELLWPGAALLVLLGVAASLCVRCSRPGAKRSEKIYQQRSLREDQQ  
SFTGSRTYSLVGQAWPGPLADMAPTRKDKLLQFYPSLEDPASSRYQNF  
SKGSRHGSEEAYIDPIAMEYYNWGRFSKPPEDDDANSYENVLICKQKT  
TETGAQQEGIGGLCRGDLSSLALKTGPTSGLCPSASPEEDEESEDYQNS  
ASIHQWRESRKVMGQLQREASPGPVGSPDEEDGEPDYVNGEVAATEA

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

### Target

#### Target Protein

LAT2

#### Full Name

Linker for activation of T cells family member 2

#### Introduction

This gene is one of the contiguous genes at 7q11.23 commonly deleted in Williams syndrome, a multisystem developmental disorder. This gene consists of at least 14 exons, and its alternative splicing generates 3 transcript variants, all encoding the same protein.

#### Alternative Names

LAT2; LAB; NTAL; WSCR5; WBSCR5; HSPC046; WBSCR15; Williams-Beuren syndrome chromosomal region 15 protein; Williams-Beuren syndrome chromosomal region 5 protein; linker for activation of B-cells; linker for activation of T cells, transmembrane adaptor 2; membrane-associated adapter molecule; non-T-cell activation linker; Linker for activation of T cells family member 2

#### Gene ID

[7462](#)

#### UniProt ID

[Q9GZY6](#)