

Product Information

MemDX™ Membrane Protein Human LY9 (Lymphocyte antigen 9) for Antibody Discovery

Cat. No.: **MP0317J**

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

This product is a 72 kDa Human LY9 membrane protein expressed in HEK293T. 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

LY9

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

72 kDa

TMD

1

Sequence

MVAPKSHTDDWAPGPFSSKPQRSQIQIFSSVLQTSLLFLLMGLRASGKDSAPTIVVSGILGGSVTLPLNIS
VDTEIENVIWIGPKNALAFARPKENVTIMVKSYLGRDLTKWSYSLCISNLTNDAGSYKAQINQRNFEV
TTEEEFTLFVYEQLQEPQVTMKSVKSENFSNITLMCSVKGAEKSVLYSWTPREPHASESNGGSILTVS
RTPCDPDLPICTAQNPVSRSSLPVHVGGFCTDPGASRGTTGETVVGVLGEPVTLPLALPACRDTEKV
VWLFNTSIISKEREEAATADPLIKSRDPYKNRVWVSSQDCSLKISQLKIEDAGPYHAYVCSEASSVTSMT
HVTLLIYRRLRKPKITWSLRHSEDGICRISLTCSVEDGGNTVMYTWTPLQKEAVVSQGESHLNVSWRSSE
NHPNLTCTASNPVSRSSHQFLSENICSGPERNTKLWIGLFLMVCLLCVGIFSWCIWKRKGRCSPVAFCS
QAEAPADTPEPTAGHTLYSVLSQGYEKLDTPLRPARQQPTPTSDSSSDSNLTTEEDEDREPVHKPISGRY
EVFDQVTQEGAGHDPAPPEGQADYDPVTPYVTEVESVVGENTMYAQVFNLQGKTPVSQKEESSATIYCSIR
KPQVVPPPQQNDLEIPESPTYENFT

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

LY9

Full Name

Lymphocyte antigen 9

Introduction

LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490).

Alternative Names

hly9; mLY9; CD229; SLAMF3; SLAM family member 3; cell surface molecule Ly-9; signaling lymphocytic activation molecule 3

Gene ID

[4063](#)

UniProt ID

[Q9HBG7](#)