

# Product Information

## **MemDX™ Membrane Protein Human LAMP1 (Lysosomal associated membrane protein 1 expressed in HEK293T) for Antibody Discovery**

Cat. No.: **MP1136J**

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

This product is a 41.9 kDa Human LAMP1 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

LAMP1

#### Protein Length

Full-length

#### Protein Class

ES Cell Differentiation/IPS, Transmembrane

#### Molecular Weight

41.9 kDa

#### TMD

1

#### Sequence

MAAPGSARRPLLLLLLLLLGLMHCAAMFMVKNNGTACIMANFSAAFSVNYDTKSGPKNMTFDLP  
SDATVVLNRSSCGKENTSDPSLVIAFGRGHTLTNFTRNATRYSVQLMSFVYNLSDTHLFPNASSKEIKTVE  
SITDIRADIDKKYRCVSGTQVHMNNVTVTLHDATIQAYLSNSSFSRGETRCEQDRPSPTTAPPAPPSPSP  
SPVPKSPSVDKYNVSGTNGTCLLASMGLQLNLTYERKDNTTVTRLLNINPNKTSASGSCGAHLVTLELHS  
EGTTVLLFQFGMNASSSRFFLQGIQLNTILPDARDPAFKAANGSLRALQATVGNSYKCNAAEEHVRVTKAF  
SVNIFKVWVQAFKVEGGQFGSVEECLLDENSMLIPIAVGGALAGLVLIVLIAAYLVGRKRSHAGYQTI

### 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**

LAMP1

**Full Name**

Lysosomal associated membrane protein 1

**Introduction**

The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may also play a role in tumor cell metastasis.

**Alternative Names**

LAMPA; CD107a; LGP120

**Gene ID**

[3916](#)

**UniProt ID**

[P11279](#)