

Product Information

MemDX™ Membrane Protein Human ULBP2 (UL16 binding protein 2) for Antibody

Discovery

Cat. No.: **MP1467X**

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

This product is a 52.8 kDa Human ULBP2 membrane protein expressed in *In vitro* wheat germ expression system. 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

ULBP2

Protein Length

Full-length

Molecular Weight

52.8 kDa

Sequence

MEAAAATKILLCLPLLLLLSGWSRAGRADPHSLCYDITVIPKFRPGPRWCAVQGQVDEKTFLLHYDCGNKTVTPVSPLGKKLNVTTAV

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target**Target Protein**

ULBP2

Full Name

UL16 binding protein 2

Introduction

This gene encodes a major histocompatibility complex (MHC) class I-related molecule that binds to the NKG2D receptor on natural killer (NK) cells to trigger release of multiple cytokines and chemokines that in turn contribute to the recruitment and activation of NK cells. The encoded protein undergoes further processing to generate the mature protein that is either anchored to membrane via a glycosylphosphatidylinositol moiety, or secreted. Many malignant cells secrete the encoded protein to evade immunosurveillance by NK cells. This gene is located in a cluster of multiple MHC class I-related genes on chromosome 6.

Alternative Names

N2DL2; RAET1H; RAET1L; NKG2DL2; ALCAN-alpha; UL16-binding protein 2; NKG2D ligand 2; retinoic acid early transcript 1H; retinoic acid early transcript 1L

Gene ID

[80328](#)

UniProt ID

[Q9BZM5](#)