

Product Information

MemDX™ Membrane Protein Human TAPBPL (TAP binding protein like) expressed in *in vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1332X**

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

This product is a 76.6 kDa Human TAPBPL 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

TAPBPL

Protein Length

Full-length

Molecular Weight

76.6 kDa

TMD

1

Sequence

MGTQEGWCLLLCLALSGAAETKPHPAEGQWRAVDVVLDCFLVKDGAHRGALASSEDRARASLVLKQVPVLDDGSLEDFTDFQGG

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

TAPBPL

Full Name

TAP binding protein like

Introduction

Tapasin, or TAPBP (MIM 601962), is a member of the variable-constant Ig superfamily that links major histocompatibility complex (MHC) class I molecules to the transporter associated with antigen processing (TAP; see MIM 170260) in the endoplasmic reticulum (ER). The TAPBP gene is located near the MHC complex on chromosome 6p21.3. TAPBPL is a member of the Ig superfamily that is localized on chromosome 12p13.3, a region somewhat paralogous to the MHC.

Alternative Names

TAPBPR; TAPBP-R; tapasin-related protein; TAP binding protein related; TAP-binding protein-related protein; TAPASIN-R; tapasin-like

Gene ID

[55080](#)

UniProt ID

[Q9BX59](#)