

# Product Information

## MemDX™ Membrane Protein Human TAPBPL (TAP binding protein like) for Antibody

### Discovery

Cat. No.: **MP0686J**

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

This product is a 50 kDa Human TAPBPL 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

TAPBPL

#### Protein Length

Full-length

#### Protein Class

Druggable Genome, Transmembrane

#### Molecular Weight

50 kDa

#### TMD

1

#### Sequence

MGTQEGWCLLLCLALSGAAETKPHPAEGQWRAVDVVLDCFLVKDGAHRGALASSEDRARASLVLKQVPVL  
DDGSLEDFTDFQGGTLAQDDPPIIFEASVDLVQIPQAEALLHADCSGKEVTCEISRYFLQMTETT VKTAA  
WFMANVQVSGGGPSISLVMKTTPRVAKNEVLWHPTLNLPLSPQGTVRTAVEFQVMTQTQSLSFLLGSSASL  
DCGFSMAPGLDLISVEWRLQHKGRGQLVYSWTAGQQQAVRKGATLEPAQLGMARDASLTLPGLTIQDEGT  
YICQITTSLYRAQQIIQLNIQASPKVRLSLANEALLPTLICDIAGYYPLDVVVTWTREELGGSPAQVSGA  
SFSSLRQSVAGTYSISSSLTAEPGSAGATYTCQVTHISLEEPLGASTQVVPERRRTALGVIFASSLFLLA  
LMFLGLQRRQAPTGLGLLQAERWETTSCADTQSSHLHEDRTARVSQPS

### 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**

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

**Gene ID**

[55080](#)

**UniProt ID**

[Q9BX59](#)