

# Product Information

## MemDX™ Membrane Protein Human KLK8 (Kallikrein related peptidase 8) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0099Q**

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

This product is a 25 kDa Human KLK8 membrane protein expressed in Sf9. 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

KLK8

#### Protein Length

Partial

#### Protein Class

Druggable Genome, Secreted Protein, Transmembrane

#### Molecular Weight

25 kDa

#### Sequence

MGRPRPRAAKTWMLLLLGGAWAGHSRAQEDKVLGGHECQPHSQPWQAALFQGQQLLCGGVLVGGNWWLTAAHCKKPKYTVR

### Product Description

#### Expression Systems

Sf9

#### Tag

C-DDK

#### Form

Powder

#### Purity

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

#### Buffer

50mM Tris-HCl pH8.0, 150mM NaCl, 10%glycerol

### **Storage**

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

### **Target**

#### **Target Protein**

KLK8

#### **Full Name**

Kallikrein related peptidase 8

#### **Introduction**

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in tandem in a gene cluster on chromosome 19. The encoded protein may be involved in proteolytic cascade in the skin and may serve as a biomarker for ovarian cancer. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.

#### **Alternative Names**

HNP; NP; NRPN; PRSS19; TADG14; kallikrein-8; ovasin; serine protease 19; serine protease TADG-14; tumor-associated differentially expressed gene 14 protein

#### **Gene ID**

[11202](#)

#### **UniProt ID**

[O60259](#)