# Mouse Prostasin/PRSS8 (aa 30-289, His Tag) recombinant protein

Catalog Number: 504667



## General Information

#### **Protein Construction**

A DNA sequence encoding the mouse PRSS8 (EDL17608.1) (Ala 30-Gln 289) was expressed?fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.

## **Organism**

Mouse

# **Expression Host**

Baculovirus-Insect Cells

# **QC Testing**

## **Purity**

> 97 % as determined by SDS-PAGE

#### **Endotoxin**

 $< 1.0 \; \text{EU}$  per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\text{C}$ 

#### Predicted N terminal

Ala 30

### **Molecular Mass**

The secreted recombinant mouse PRSS8 consists of 270 amino acids and has a calculated molecular mass of 29.3 kDa. It migrates as an approximately

35 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

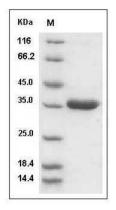
## **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Mouse Prostasin / PRSS8 Protein (aa 30-289, His Tag) SDS-PAGE