

# Product Information

## **MemDX™ Membrane Protein Human DCST1 (DC-STAMP domain containing 1) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX2860K**

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

This product is a Human DCST1 membrane protein expressed *in vitro* *E.coli* 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

DCST1

#### Protein Length

Full Length

#### Protein Class

Transferase

#### TMD

6

#### Sequence

MDIKHHQNGTRGQRRKQPHTTVQRLLTWGLPVSCSWFLWRQPGFEPVTALLLGAGAGGLLAIGLFQLLVNPMNIYEEQKIMFLYSL

### Product Description

#### Expression Systems

*in vitro* *E.coli* expression system

#### Tag

10xHis tag at the N-terminus

#### Protein Format

Soluble

#### Form

Liquid or Lyophilized powder

#### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

### **Target**

#### **Target Protein**

DCST1

#### **Full Name**

DC-STAMP domain containing 1

#### **Introduction**

This gene encodes a protein with a domain similar to one found in dendritic cells (PMID:11169400) which play a key role in antigen processing and display for immune responses. Multiple transcript variants encoding different isoforms have been found for this gene.

#### **Alternative Names**

DCST1; E3 ubiquitin-protein ligase DCST1; DC-STAMP domain-containing protein 1; RING-type E3 ubiquitin transferase; DC-STAMP domain containing 1

#### **Gene ID**

[149095](#)

#### **UniProt ID**

[Q5T197](#)