# **Recombinant Human VMO1 Protein (His Tag)**

Catalog Number: PKSH033217



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Synonyms Vitelline Membrane Outer Layer Protein 1 Homolog;VMO1

Species Human

Expression Host HEK293 Cells
Sequence Gln25-Ser202
Accession Q7Z5L0
Calculated Molecular Weight 20.1 kDa
Observed molecular weight 18-22 kDa
Tag C-His

### **Properties**

**Purity** > 85 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation** Lyophilized from a 0.2 μm filtered solution of PBS, 0.5mM EDTA, pH 7.4.

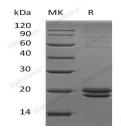
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

#### Data



> 85 % as determined by reducing SDS-PAGE.

## **Background**

Vitelline membrane outer layer protein 1 homolog (VMO1) belongs to the VMO1 family is a 202 amino acid secreted protein. Exact function not known, component of the outer membrane of the vitelline layer of the egg. Seems to be able to synthesize N-acetylchito-oligosaccharides (n=14-15) from hexasaccharides of N-acetylglucosamine in a manner similar to the transferase activity of lysozyme.

### For Research Use Only

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