



Recombinant Protein Technical Manual

Recombinant Human VMO1 Protein (His Tag)

RPES2606

Product Data:

Product SKU: RPES2606

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q7Z5L0

Protein Information:

Molecular Mass: 20.1 kDa

AP Molecular Mass: 189 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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 20mM PB, 150mM NaCl, 0.5mM EDTA, pH 7.4.

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

Application:

Synonyms: Vitelline Membrane Outer Layer Protein 1 Homolog; VMO1

Immunogen Information:

Sequence: Gln25-Ser202

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=145) from hexasaccharides of N-acetylglucosamine in a manner similar to the transferase activity of lysozyme.