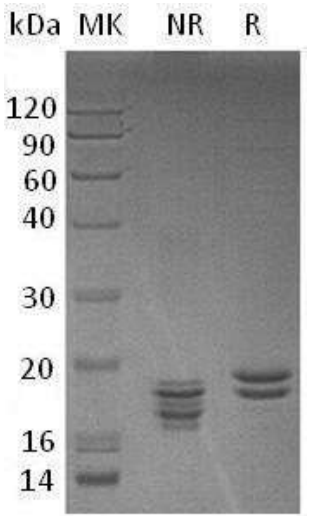
Recombinant Human VMO1

Catalog No: C650

Description	Recombinant Human Vitelline Membrane Outer Layer Protein 1 Homolog is produced by our Mammalian expression system and the target gene encoding Gln25-Ser202 is expressed with a 6His tag at the C-terminus.
Source	Human cells
Alternative name	Vitelline Membrane Outer Layer Protein 1 Homolog; VMO1
Accession No.	Q7Z5L0
AMINO ACID SEQUENCE	QTDGRNGYTAVIEVTSGGPWGDWAWPEMCPDGFFASGFSLKVEPPQGIPGDDTALNGIRLHCARGN VLGNTHVVESQSGSWGEWSEPLWCRGGAYLVAFSLRVEAPTTLGDNTAANNVRFRCSDGEELQGPG LSWGDFGDWSDHCPKGACGLQTKIQGPR GLGDDTALNDARLFCCRSVDHHHHHH
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg)
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 0.5mM EDTA, pH 7.4.
Shipping	The product is shipped ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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.

SDS-PAGE



MK: Marker

NR: Sample under non-reducing conditions

R: Sample under reducing conditions