

**Synonym**

Olfactomedin-like protein 3, HNOEL-iso, Holf44, OLFML3, PSEC0035, PSEC0173, PSEC0244, UNQ663, PRO1294

**Source**

Human OLFML3, His Tag(OL3-H52H4) is expressed from human 293 cells (HEK293). It contains AA Lys 120 - Val 406 (Accession # [Q9NRN5-1](#) ).

Predicted N-terminus: Lys 120

**Molecular Characterization**

OLFML3(Lys 120 - Val 406) Q9NRN5-1	Poly-his
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This protein carries a polyhistidine tag at the C-terminus

The protein has a calculated MW of 34.4 kDa. The protein migrates as 38-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>95% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

**Reconstitution**

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

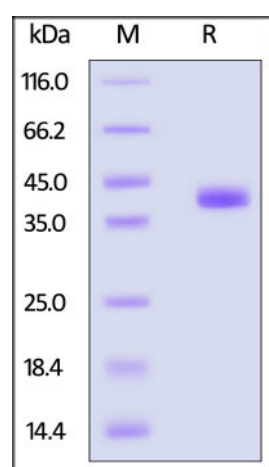
**Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

**SDS-PAGE**

Human OLFML3, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

**Background**

Olfactomedin-like 3 (OLFML3) is a member of the olfactomedin-like gene family, containing an olfactomedin(OLF) domain in the C-terminal region and a less well conserved coiled-coil domain in the N-terminal region. Since olfactomedin was first cloned from frog olfactory tissue, more than 100 known OLF members have been discovered in various species ranging from *Caenorhabditis elegans* to *Homo sapiens*. Many OLF members have been demonstrated to play important roles in various physiological processes.

**Clinical and Translational Updates**

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.