

## Active Recombinant Mouse Lair1 protein

Cat. No. Obp2a-109M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Lair1(Ala19-Asp176) was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala19-Asp176
<b>Predicted N Terminal</b>	Ala19
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to bind all-trans-retinoic acid. The concentration of all-trans-retinoic acid required to quench 50% of Trp fluorescence in Recombinant Mouse Lipocalin-13 is approximately 3-18 µM.
<b>Molecular Mass</b>	Predicted Molecular Mass: 18 kDa;SDS-PAGE: 18 kDa, reducing conditions
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE with silver staining
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70 centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after reconstitution.3 months, -20 to -70 centigrade under sterile

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conditions after reconstitution.

**Reconstitution** Reconstitute at 500 µg/mL in PBS.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## GENE INFORMATION

**Gene Name** [Obp2a odorant binding protein 2A \[ Mus musculus \]](#)

**Official Symbol** [Obp2a](#)

**Synonyms** Lcn13; BC027556; epididymal-specific lipocalin-13; lipocalin 13

**Gene ID** [227627](#)

**mRNA Refseq** [NM\\_153558](#)

**Protein Refseq** [NP\\_705786](#)

### MIM

**UniProt ID** [Q8K1H9](#)

**Chromosome Location** 2; 2 A3

**Function** [molecular\\_function](#)

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