

## Recombinant Mouse Obp2a Protein, His&GST-tagged

Cat. No. Obp2a-1881M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Obp2a Protein (Gln20-Asp176) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln20-Asp176
<b>Description</b>	Predicted to enable small molecule binding activity. Acts upstream of or within several processes, including insulin receptor signaling pathway; negative regulation of gluconeogenesis; and regulation of lipid metabolic process. Located in extracellular space. Orthologous to human OBP2A (odorant binding protein 2A).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 48 kDa Accurate Molecular Mass: 48 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

**GENE INFORMATION****Gene Name**

Obp2a odorant binding protein 2A [ *Mus musculus* (house mouse) ]

**Official Symbol**

Obp2a

**Synonyms**

Obp2a; odorant binding protein 2A; Lcn13; BC027556; odorant-binding protein 2a; epididymal-specific lipocalin-13; lipocalin 13

**Gene ID**

227627

**mRNA Refseq**

NM\_153558

**Protein Refseq**

NP\_705786

**UniProt ID**

Q8K1H9

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