

## Recombinant Rat Obp2a protein, His & T7-tagged

Cat. No. Obp2a-8227R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Obp2a aa. (Gln20~Asp176 (Accession # B3EY84)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln20~Asp176
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 22.0kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.3.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

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

**Storage Buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

[Obp2a odorant binding protein 2A \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Obp2a](#)

**Synonyms**

Obp2a; odorant binding protein 2A; Lcn13; Obp2b; lipocalin 13; odorant binding protein 2B

**Gene ID**

[680754](#)

**mRNA Refseq**

[NM\\_001128139.2](#)

**Protein Refseq**

[NP\\_001121611.1](#)

**UniProt ID**

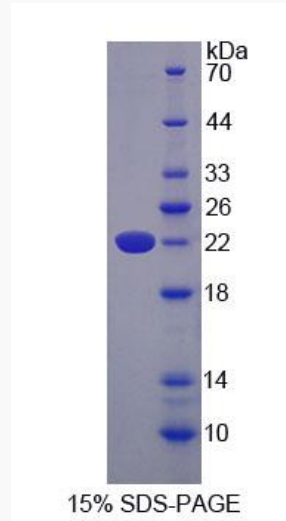
[B3EY84](#)

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**SDS-PAGE**



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