Recombinant Mouse Obp2a Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Obp2a Protein (Gln20-Asp176) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln20-Asp176
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48 kDa Accurate Molecular Mass: 48 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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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