Active Recombinant Mouse Lair1 protein

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

SPECIFICATION

Product Overview	Recombinant Mouse Lair1(Ala19-Asp176) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala19-Asp176
Predicted N Terminal	Ala19
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Predicted Molecular Mass: 18 kDa;SDS-PAGE: 18 kDa, reducing conditions
Endotoxin	<0.10 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE with silver staining
Storage	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA