Catalog Number: 502124



# **General Information**

### Gene Name Synonym

Odorant-binding protein IIb

### **Protein Construction**

A DNA sequence encoding the human OBP2B (NP\_055396.1) (Met1-His170) was expressed with the Fc region of mouse IgG1 at the C-terminus.

#### Organism

Human

### **Expression Host**

Human Cells

# **QC Testing**

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu g$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

### **Predicted N terminal**

Leu 16

### **Molecular Mass**

The recombinant human OBP2B consists 389 amino acids and predicts a molecular mass of 44.4 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.1. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE

KDa	M
116	
66.2	-
45.0	
35.0	
25.0	-
18.4	
14.4	-

Human OBP2B Protein (Fc Tag)