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# Recombinant Human ORM2 Protein (His Tag)

Catalog Number: PDMH100402

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Species Human

Source HEK293 Cells-derived Human ORM2 protein Met1-Ser201, with an C-terminal His

**Calculated MW** 22 kDa Observed MW 36 kDa P19652 Accession

Not validated for activity **Bio-activity** 

#### **Properties**

**Purity** > 95% as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU/mg of the protein as determined by the LAL method

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -Storage

80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

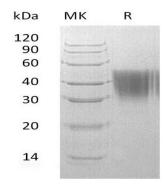
reconstituted samples are stable at < -20°C for 3 months.

This product is provided as lyophilized powder which is shipped with ice packs. Shipping Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% **Formulation** 

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution

of 0.5 mg/mL. Concentration is measured by UV-Vis.

#### **Data**



SDS-PAGE analysis of Human ORM2 proteins, 2 µg/lane of Recombinant Human ORM2 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 36 kDa.

## **Background**

Alpha-1-acid glycoprotein 2 is a secreted protein that belongs to the calycin superfamily, lipocalin family. It is expressed by the liver and secreted in plasma. It appears to function in modulating the activity of the immune system during the acute-phase reaction. It functions as transport protein in the blood stream. It binds various hydrophobic ligands in the interior of its beta-barrel domain. It also binds synthetic drugs and influences their distribution and availability.

### For Research Use Only

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