

## Recombinant Human ORM2 Protein (His Tag)

**Catalog Number:** PDMH100402

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

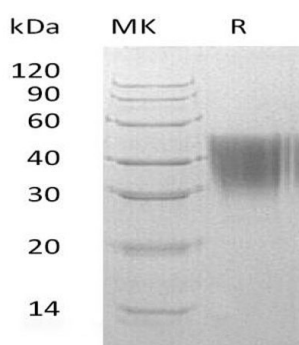
### Description

<b>Species</b>	Human
<b>Source</b>	Mammalian-derived Human ORM2 protein Met1-Ser201, with an C-terminal His
<b>Calculated MW</b>	22 kDa
<b>Observed MW</b>	36 kDa
<b>Accession</b>	P19652
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95% as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Reconstitution</b>	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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