



Recombinant Protein Technical Manual

Recombinant Human ORM2 Protein (His Tag)

RPES3148

Product Data:

Product SKU: RPES3148

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P19652

Protein Information:

Molecular Mass: 22.6 kDa

AP Molecular Mass: 30-50 kDa

Tag: C-6His

Bio-activity:

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

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: AGP-B;AGP-B';AGP2;ORM2;Orosomuroid-2; OMD 2

Immunogen Information:

Sequence: Gln19-Ser201

Background:

Alpha-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.