

32-7984: Recombinant Human α -1-Acid Glycoprotein 2/AGP2/ORM2 (C-6His)(Discontinued)

Gene : ORM2
Gene ID : 5005
Uniprot ID : P19652

Description

Source: Human Cells.
MW :22.6kD.

Recombinant Human Alpha-1-acid glycoprotein 2 is produced by our Mammalian expression system and the target gene encoding Gln19-Ser201 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 6His) / 50 μ g
Content : Lyophilized from a 0.2 μ m filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QIPLCANLVPVPITNATLDRITGKWFYIASAFRNEEYNKSVQEIQATFFYFTPNKTEDTIFLREYQTRQNQCFFYNSS
YLVNQRENGTVSRYEGGREHVAHLLFLRDTKTLMFGSYLDDEKNWGLSFYADKPETTKEQLGEFYEALDCLCIP
RSDVMYTDWKKDKCEPLEKQHEKERKQEEGESVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.