
Recombinant Mouse FPN1/SLC40A1/Ferroportin Protein, N-GST & C-His

Catalog Number: bs-105571P

Species: Mouse

AA Seq: 230-306/570

Predicted MW: 36.88 kDa

Tags: N-GST & C-His

Activity: Not tested

Purity: >90% as determined by SDS-PAGE.

Purification: AC

Form: Lyophilized

Storage: Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

Background: SLC40A1 may be involved in iron export from duodenal epithelial cells and also in transfer of iron between maternal and fetal circulation. It mediates iron efflux in the presence of a ferroxidase (hephaestin and/or ceruloplasmin). Defects in SLC40A1 are the cause of hemochromatosis type 4, an autosomal dominant iron-loading disorder characterized by early iron accumulation in reticuloendothelial cells and a marked increase in serum ferritin.