

Recombinant Human MPO Antigen

Product overview

Catalog number	C-40-0071
Description	Recombinant human Myeloperoxidase (MPO) antigen with His tag. Predicted molecular weight: ~80 kDa.
Product host	HEK293 cells
Product formulation	Liquid
Product buffer solution	10 mM PBS, pH 7.4, 0.8 % NaCl, 0.02% KCl.
Shelf life and storage	3 years, storage at -70 °C or below. Repeated freeze/thaw cycles should be avoided.
Analyte description	Myeloperoxidase (MPO) is an important heme containing peroxidase, as a tetramer consisting of two heavy chains and two light chains. Overactivation or abnormal release of MPO can lead to tissue damage, participate in a variety of diseases, such as MPO can promote the formation of atherosclerotic plaque, which is associated with acute coronary syndrome, heart failure and other diseases, as cardiovascular biomarker. In addition, anti MPO antibodies (such as ANCA associated vasculitis) can attack vascular endothelial cells, causing granulomatous polyangitis (GPA) and microscopic polyangitis (MPA).
Product concentration	N/A
Purity	≥95%, SDS-PAGE
Antibodies tested	NA
Miscellaneous	N/A

