

Recombinant Human MPO protein, His-tagged

Cat. No. MPO-0279H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPO protein(NP_000241.1)(Met1-Ser745), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser745
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human MPO consists of 708 amino acids and predicts a molecular mass of 80.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name MPO myeloperoxidase [Homo sapiens]

Official Symbol MPO

Synonyms MPO; myeloperoxidase;

Gene ID 4353

mRNA Refseq NM_000250

Protein Refseq NP_000241

MIM 606989

UniProt ID P05164

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