

Recombinant Human MPO Protein

Cat. No. MPO-0030H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPO Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
Description	Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.
Applications	ELISA, CLIA, CG
Notes	For research use only, not for use in diagnostic procedure.
Storage	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.
Storage Buffer	Supplied as a 0.2 µm filtered solution of PBS, pH7.4

GENE INFORMATION

Gene Name	MPO myeloperoxidase [Homo sapiens (human)]
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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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