HEPHL1 Antibody (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	HEPHL1, Blocking Peptide
Full Product Name	HEPHL1 Antibody (N-term) Blocking Peptide
Product Gene Name	HEPHL1 blocking peptide
Product Synonym Names	Hephaestin-like protein 1; 1---; HEPHL1
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	HEPHL1 peptide (MBS9223569) is used for blocking the activity of HEPHL1 antibody (MBS9211025)
Molecular Weight	131,603 Da
Cellular Location	Membrane; Single-pass type I membrane protein
Related Product Information for HEPHL1 blocking peptide	May function as a ferroxidase and may be involved in copper transport and homeostasis.
Other Notes	Small volumes of HEPHL1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HEPHL1 purchase	MBS9223569 is a blocking peptide targeting HEPHL1. Also known as HEPHL1 Antibody (N-term) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HEPHL1. It may not necessarily be applicable to this product.

NCBI GI #	205785679
NCBI GeneID	341208
NCBI Accession #	Q6MZM0.2
UniProt Primary Accession #	Q6MZM0
UniProt Secondary Accession #	Q3C1W7
UniProt Related Accession #	Q6MZM0
NCBI Official Full Name	Hephaestin-like protein 1
NCBI Official Synonym Full Names	hephaestin like 1
NCBI Official Symbol	HEPHL1
UniProt Protein Name	Hephaestin-like protein 1
Protein Family	Hephaestin-like protein
UniProt Gene Name	HEPHL1
UniProt Entry Name	HPHL1_HUMAN
NCBI Protein Information	hephaestin-like protein 1

UniProt Comments for HEPHL1	HEPHL1: May function as a ferroxidase and may be involved in copper transport and homeostasis. Belongs to the multicopper oxidase family. Protein type: Membrane protein, integral; Oxidoreductase; EC 1.-.-.- Chromosomal Location of Human Ortholog: 11q21 Molecular Function: ferroxidase activity
Research Articles on HEPHL1	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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