



Product Data Sheet

Product Name:	LEAP-1, Hepcidin, human	
Catalog Number:	AS-61432 (0.1 mg)	Lot Number: See label on vial
Sequence:	H-Asp-Thr-His-Phe-Pro-Ile-Cys-Ile-Phe-Cys-Cys-Gly-Cys-Cys-His-Arg-Ser-Lys-Cys-Gly-Met-Cys-Cys-Lys-Thr-OH (Disulfide bridges: 7-23, 10-13, 11-19, 14-22) (3-letter code) DTHFPICIFCCGCCHRSKCGMCKKT (Disulfide bridges: 7-23, 10-13, 11-19, 14-22) (1-letter code)	
Molecular Weight:	2789.5	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

Peptide Reconstitution: LEAP-1 Hepcidin peptide is freely soluble in water.

Storage: LEAP-1 Hepcidin peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

Description: This 25 amino acid residues Liver-Expressed Antimicrobial Peptide 1 (LEAP-1) is also known as hepcidin. LEAP-1 is a liver-specific peptide, but may be detected in the heart and brain at a lesser amount. Ref: Krause, A. et al. *Prot. Sci.* **12**, 143 (2003), Kluver, E. et al. *J. Pept. Res.* **59**, 241(2002), Hunter, H. et al. *J. Biol. Chem.* **277**, 37597 (2002).

For Research Use Only