

Product Name: Recombinant Human HAMP (N-GST)
Catalog #: PEH0792

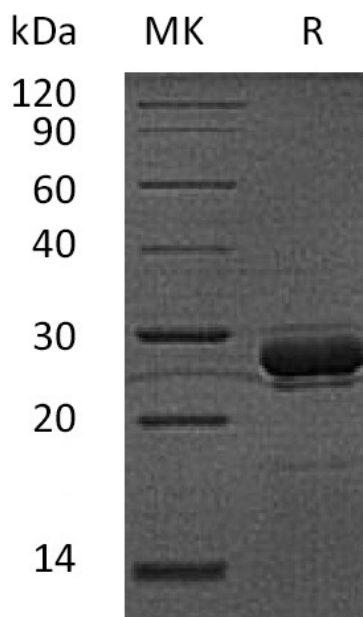


Summary

Name	Hepcidin/HAMP/HEPC/LEAP1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Hepcidin is produced by our E.coli expression system and the target gene encoding Asp60-Thr84 is expressed with a GST tag at the N-terminus.
Accession #	P81172
Host	E.coli
Species	Human
Predicted Molecular Mass	29.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 50% Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Liver-expressed antimicrobial peptide 1; Putative liver tumor regressor; HEPC; LEAP1

Background

Hepcidin (HAMP) is a secreted protein that belongs to the hepcidin family. It is expressed in liver, heart and brain. It is involved in the maintenance of iron homeostasis, and it is necessary for the regulation of iron storage in macrophages, and for intestinal iron absorption. The preproprotein is post-translationally cleaved into mature peptides of 20, 22 and 25 amino acids, and these active peptides are rich in cysteines, which form intramolecular bonds that stabilize their beta sheet structures.

Note

For Research Use Only , Not for Diagnostic Use.