

Recombinant Full Length Human HPN Protein

Cat. No. HPN-240HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Hepsin with a N terminal proprietary tag. Predicted MW 67.69kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	378 amino acids
Description	This gene encodes a type II transmembrane serine protease. The encoded protein has an extracellular region that consists of two domains, a catalytic serine protease domain and a non-catalytic scavenger receptor cysteine-rich domain. This protein may be involved in diverse cellular functions including blood coagulation, maintenance of cell morphology and the growth and progression of certain cancers, particularly prostate cancer. Alternative splicing results in multiple transcript variants.
Form	Liquid
Molecular Mass	67.690kDa inclusive of tags
AA Sequence	VAVLLRSDQEPLYPVQVSSADARLMVFDKTEGTWRLCSS RSNARVAGLSCEEMG FLRALTHSELDVRTAGANGTSGFFC VDEGRLPHTQRLLEVISVCDPCRGRFLAICQ DCGRRKLP VDRIVGGRDTSLSGRWPWQVSLRYDGAHLCCGGSLLSGDWVL TAAHCF PERNRVLSRWRFAGAVAQASPHGLQLGVQAVVY HGGYLPFRDPNSEENSNDIAL VHLSSPLPLTEYIQPVCLP AAGQALVDGKICTVTGWGNTQYYGQQAGVLQEARVPPII

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SN DVCNGADFYGNQIKPKMFCAGYPEGGIDACQGDSGGPFAC EDSISRTPRWRL
CGIVSWGTCALAQKPGVYTKVSDFREW IFQAIKTHSEASGMVTQL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name HPN hepsin [Homo sapiens]

Official Symbol HPN

Synonyms HPN; hepsin; serine protease hepsin; TMPRSS1; transmembrane protease; serine 1

Gene ID 3249

mRNA Refseq NM_002151

Protein Refseq NP_002142

MIM 142440

UniProt ID P05981

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