

Recombinant Human HNRNPH1 Protein, His-tagged

Cat. No. HNRNPH1-40H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNRNPH1 Protein, fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some may shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I.
Form	58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, 300mM Imidazole, 0.7% Sarcosyl, 15% glycerol, pH8.0.
Molecular Mass	38.7 kDa
AA Sequence	MSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLEIVPNGITLPVDFQGRSTGEAFVQF ASQEIAEKALKKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMQRPQPYDRPGAG RGYNSIGRGAGFERMRRGAYGGGYGGYDDYNGYNDGYGFGSDRFGRDLNYCFS

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GMSDHRYGDDGGSTFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPVRVHIEIGPDG
 RVTGEADVEFATHEDAVAAMSKDKANMQHRYVELFLNSTAGASGGAYEHRYVELF
 LNSTAGASGGAYGSQMMGGMGLSNQSSYGGPASQQLSGGYGGGYGGQSSMSG
 YDQVLQENSSDFQSNIALEHHHHHH

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.94 mg/ml

GENE INFORMATION

Gene Name [HNRNPH1 heterogeneous nuclear ribonucleoprotein H1 \[Homo sapiens \(human\) \]](#)

Official Symbol [HNRNPH1](#)

Synonyms HNRPH; HNRPH1; hnRNP

Gene ID [3187](#)

mRNA Refseq [NM_001257293](#)

Protein Refseq [NP_001244222](#)

MIM [601035](#)

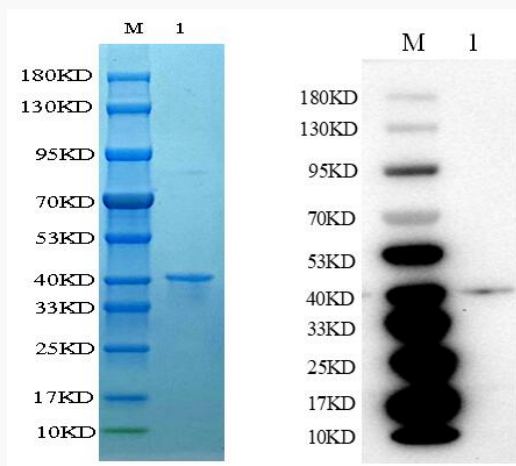
UniProt ID [P31943](#)

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SDS-PAGE



Reducing 12% SDS-PAGE and WB analysis profile of purified HNRNPH1.

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