

Recombinant Human HNRNPH1 Protein, His-tagged

Cat. No. HNRNPH1-02H 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	<p>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. Alternatively spliced transcript variants have been described.</p>
Form	Liquid. In 50 mM Tris, 150 mM NaCl, pH8.0.
Molecular Mass	~32 kDa
AA Sequence	<p>NSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLEIVPNGITLPVDFQGRSTGEAFVQF ASQEIAEKALKKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMAMQRPQPYDRPGAG RGYNSIGRGAGFERMRRGAYGGGYGGYDDYNGYNDGYGFGSDRFGRDLNYCFS</p>

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GMSDHYGDGGSTFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPVRVHIEIGPDG
 RVTGEADVEFATHEDAVAAMSKDKANMQHRYVELFLNSTAGASGGAYEHRYVELF
 LHHHHHH

Purity >90% as determined by SDS-PAGE

Storage Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.09 mg/ml

GENE INFORMATION

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

Official Symbol [HNRNPH1](#)

Synonyms HNRPH; HNRPH1; NEDCDS; hnRNPH

Gene ID [3187](#)

mRNA Refseq [NM_005520.3](#)

Protein Refseq [NP_005511.1](#)

MIM [601035](#)

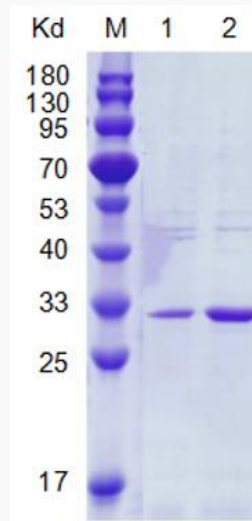
UniProt ID [P31943](#)

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SDS-PAGE



15% SDS-PAGE analysis profiles of purified HNRNPH1 (CBB stained).

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