

Recombinant Full Length Human HNRNPH1 Protein, His-tagged

Cat. No. HNRNPH1-1088H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human HNRNPH1 Protein (1-449 aa) with N-His tag was expressed in HEK293.

Species

Human

Source

HEK293

ProteinLength

1-449 aa

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. Alternatively spliced transcript variants have been described.

Tag

N-His

Molecular Mass

50 kDa

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 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

HHHHHHHMMMLGTEGGEGFVVKVRGLPWSCSADEVQRFFSDCKIQNGAQQGIRFIY
 TREGRPSGEAFVELESEDEVKLALKKDRETMGHRYVEVFKSNNVEMDWLKHGTG
 NSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLEIVPNGITLPVDFQGRSTGEAFVQF
 ASQEIAEKALKKKKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMAMQRPQPYDRPGAG
 RGYNSIGRGAGFERMRRGAYGGGYGGYDDYNGYNDGYGFGSDRFGRDLNYCFS
 GMSDHRYGDGGSTFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPVRVHIEIGPDG
 RVTGEADVEFATHEDAVAAMSKDKANMQHRYVELFLNSTAGASGGAYEHRYVELF
 LNSTAGASGGAYGSQMMGGMGLSNQSSYGGPASQQLSGGYGGGYGGQSSMSG
 YDQVLQENSSDFQSNIA

Endotoxin < 1 EU/μg by LAL

Purity > 85% by SDS-PAGE

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.

Storage Buffer Sterile PBS, pH7.4, 10% Glycerol, 8% Trehalose.

Concentration 0.16 mg/mL by BCA

GENE INFORMATION

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

Official Symbol [HNRNPH1](#)

Synonyms HNRNPH1; heterogeneous nuclear ribonucleoprotein H1 (H); HNRPH1; heterogeneous nuclear ribonucleoprotein H; hnRNPH; HNRPH; DKFZp686A15170

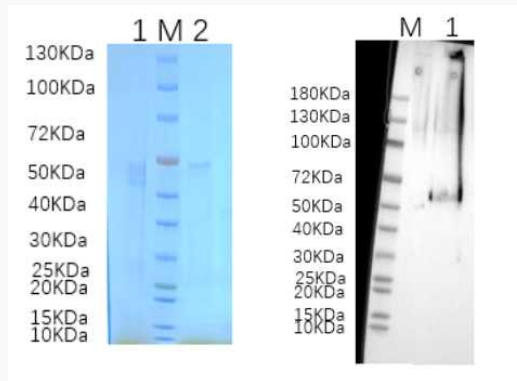
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Gene ID	3187
mRNA Refseq	NM_001257293
Protein Refseq	NP_001244222
MIM	601035
UniProt ID	P31943

**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
HNRNPH1.**



1. HNRNPH1: 1 µg
2. BSA: 1 µg

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