

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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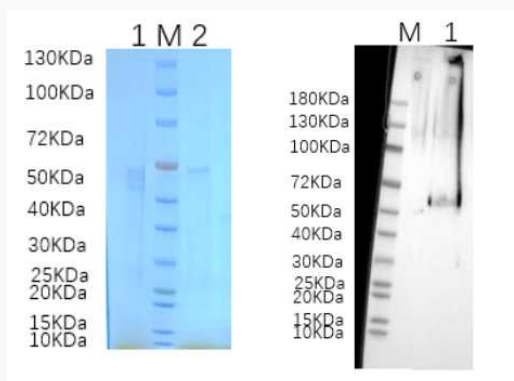
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

AA Sequence	HHHHHHHHMMLGTEGGEGFVVKVRGLPWSCSADEVQRRFFSDCKIQNGAQGIRFIY TREGRPSGEAFVELESEDEVKLALKKDRETMGHRYVEVFKSNNVEMDWVLKHTGP NSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLEIVPNGITLPVDFQGRSTGEAFVQF ASQEIAEKALKKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMQRPQPYDRPGAG RGYNSIGRGAGFERMRRGAYGGGYGGYDDYNGYNDGYGFGSDRFGRDLNYCFS GMSDHRYGDGGSTFQSTTGHCVMRGLPYRATENDIYNFFSPLNPVRVHIEIGPDG RVTGEADVEFATHEDAVAAMSKDKANMQHRYVELFLNSTAGASGGAYEHRYVELF LNSTAGASGGAYGSQMMGGMGLSNQSSYGGPASQQLSGGYGGGYGGQSSMSG YDQVLQENS SDFQSNIA
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

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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