

Product datasheet for PH301834

HNRPH1 (HNRNPH1) (NM_005520) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HNRNPH1 MS Standard C13 and N15-labeled recombinant protein (NP_005511)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201834
Predicted MW:	49.2 kDa
Protein Sequence:	>RC201834 protein sequence Red=Cloning site Green=Tags(s)

MMLGTEGGEGFVVKVRGLPWSCSADEVQRFSDCKIQNGAQGIRFIYTREGRPSGEAFVELESEDEVKLA
LKKDRETMGHRHYVEVFKSNNVEMDWLKHGPNSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLIIVPNG
ITLPVDFQGRSTGEAFVQFASQIEAEKALKKKKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMAMQRP
DRPGAGRGYNSIGRGAGFERMRRGAYGGYGGYDDYNGYNDGYGFGSDRFGRDLNYCFSGMSDHRYGDGG
STFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPVRVHIEIGPDGRVTGEADVEFATHEDAVAAMSKDKA
NMQHRYVELFLNSTAGASGGAYEHRYVELFLNSTAGASGGAYGSQMMGGMLSNQSSYGGPASQQLSGGY
GGYGGQSSMSGYDQVLQENSSDFQSNIA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005511
RefSeq Size:	2274
RefSeq ORF:	1347
Synonyms:	hnRNPH; HNRPH; HNRPH1



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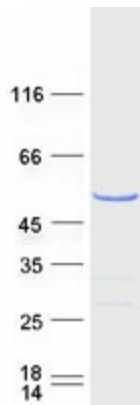
Locus ID: 3187

UniProt ID: [P31943](#), [A0A384MEJ3](#)

Cytogenetics: 5q35.3

Summary: 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 [provided by RefSeq, Mar 2012]

Product images:



Coomassie blue staining of purified HNRNPH1 protein (Cat# [TP301834]). The protein was produced from HEK293T cells transfected with HNRNPH1 cDNA clone (Cat# [RC201834]) using MegaTran 2.0 (Cat# [TT210002]).