

Product datasheet for PH308027

HNRPH3 (HNRNPH3) (NM_021644) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | HNRNPH3 MS Standard C13 and N15-labeled recombinant protein (NP_067676) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC208027 |
| Predicted MW: | 35.2 kDa |
| Protein Sequence: | >RC208027 protein sequence Red=Cloning site Green=Tags(s) |

MDWVMKHNGPNDASDGTVRLRGLPFGCSKEEIVQFFQGLEIVPNGITLTMDYQGRSTGEAFVQFASKEIA
ENALGKHKERIGHRYIEIFRSSRSEIKGFYDPPRLLGQRPQPYDRPIGGRGGYAGRGSYGGFDDYGG
YNNYGYGNDGFDDMRDGRMGHGYGGAGDASSGFHGGHFVHMRGLPFRATENDIANFFSPLNPIRVHI
DIGADGRATGEADVEFVTHEDAVAAMSKDKNNMQHRYIELFLNSTPGGGSGMGGSGMGYGRDGMNDQGG
YGSVGRMGMNYSGGYGTDPDGLGGYGRGGGSGGGYQGGMSGGGWRGMY

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: | <u>NP_067676</u> |
| RefSeq Size: | 2382 |
| RefSeq ORF: | 993 |
| Synonyms: | 2H9; HNRPH3 |
| Locus ID: | 3189 |



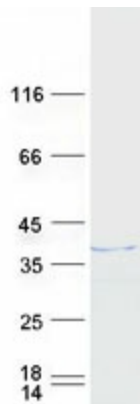
[View online »](#)

UniProt ID: [P31942](#)

Cytogenetics: 10q21.3

Summary: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). 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 seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It is localized in nuclear bodies of the nucleus. This protein is involved in the splicing process and it also participates in early heat shock-induced splicing arrest by transiently leaving the hnRNP complexes. Several alternatively spliced transcript variants have been noted for this gene, however, not all are fully characterized. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified HNRNPH3 protein (Cat# [TP308027]). The protein was produced from HEK293T cells transfected with HNRNPH3 cDNA clone (Cat# [RC208027]) using MegaTran 2.0 (Cat# [TT210002]).