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Product datasheet for PH317995

hnRNP F (HNRNPF) (NM_001098206) Human Mass Spec Standard

Product data:

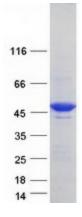
Nescription:HNRNPF MS Standard C13 and N15-labeled recombinant protein (NP_001091676)Species:HumanSpecies:HEK293Expression cDNA ClongRC217995Or AA Sequence:Standard C13 magnetic Green=Tags(s)Predicted MW:SRC217995 protein sequence Red=Cloning site Green=Tags(s)Protein Sequence:NMLGPEGGEGFVVLRGLPWSCSVEDVQNFLSDCTHIDGAAGVHFTYTREGRQSGEAFVELGSEDDVMA KKVDRESMGHPTIEVKSIRETENDWLRHSGPNSDASANDGFVRLGEDPFGKEETVQFFSGLETVPRG Species:Protein Sequence:NMLGPEGGEGFVVLRGLPWSCSVEDVQNFLSDCTHIDGAAGVHFTYTREGRQSGEAFVELGSEDDVMA KKVDRESMGHPTIEVKSIRETENDWLRHSGPNSDASANDGFVRLGEDPFGRSUSPPSDPLKFMSVQRPGPP DPRFGARVTGTVGVGSGEFFVGLSGENDDCVGEATVELEGVDFFSGLETVPRG Species:Tag:CMMCGPEGGEGFVVLRGLPWSCSVEDVQMFLSDCTHIDGAAGVHFTYTREGRQSGEAFVELGSEDDVMA KKVDRESMGHPTIEVKSIRETENDWLRHSGPNSDASANDGFVRLGEDVFFSGLESDVGFGTTDLFGRDLSCUSGMVDRPGPP DPRFGARVTGTVGVGGVEFTSGLSGSVSGCVGGTTDLFGRDLSCUSGMVDRPGPP DPRFGARVTGTVGVGGVEFTSGLSGSVSGCVGGTGGADSSGQNSGGVDTag:CMMCGPEGGEGFVVLRGLPWSCSVEDVGMGGVSAAQATYSGLESQSVSGCVGGVSSQQNSGGVDTag:CMG/DDKTag:CMG/DDKTag:CMG/DDKTag:CMG/DDKStabiling:Sam Tris-HCI, 100 mM glycine, pH 7.3Storage:Sale for 3 months from receipt of products under proper storage and handling conditionsGafSeq ORF:L365Grangence:KISPErmesonFarser Stabiling:L365Karser Stabiling:KISPErmesonKarser Stabiling:L365Karser Stabiling:L365Karser Stabiling:L365Karser Stabiling:L365Karser Stabiling: <th>Product Type:</th> <th>Mass Spec Standards</th>	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression DNA GoldRC217995Predicted MW:4.5.7 kDaPredicted MW:S.7 Cl37995 protein sequence RedeCloning site Green=Tags(s)MulcpEGGEGFV%LRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFITTREGRQSGEAFVELGSEDDVKMA LKKDRESMGHRTIEVFKSHRTEHDWULKHSGPNSADSANDGFVRLEPLOFFCKEELVPFSGLEIVPNO DPFGTARRYIGIVKQAGLERMRPGAYSTGYGGYEEYSGLSDQVGFTDLFGRDLSYCLSGWDHRYGDSE FTQSTTGHCVHRALPYKATEDDITWFFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPECKITGER/VGASQLERMRPGAYSTGYGGYEEYSGLSDQVGFTDLFGRDLSYCLSGWDHRYGDSE FTQSTTGHCVHRALPYKATEDDITWFFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPCUTGERDUSCLSGWDGFTDLFGRDLSYCLSGWDHRYGDSE FTQSTTGHCVHRACLPYKATEDDITWFFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPCUTGERDUSCLSGWDGFTDLFGRDLSYCLSGWDHRYGDSE FTQSTTGHCVHRACLPYKATEDDITWFFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPCUTGERDUSCLSGWDGFTDLFGRDLSYCLSGWDGHRYGDSE FTQSTTGHCVHRACLPYKATEDDITWFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPUTGELSGNSGGYDGTDLFGRDLSYCLSGWDGHRYGDSE FTQSTTGHCVHRACLPYKATEDDITWFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPUTGELSGNSGGYDGTTGLFGRDLSYCLSGWDGHRYGDSE FTQSTTGHCVHRACLPYKATEDDITWFSPLIVPRVHIELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMPCPUTGELSGNSGGYDGTGTGTGGUTGGADSESDEDISCHGTGGDTGGUTGGUTGGADSE SGNGGYDGTGGTGGUTGGUTGGADSESDEDISCGNSGGYDGTGGUTGGUTGGUTGGUTGGUTGGUTGGUTGGUTGGUTG	Description:	HNRNPF MS Standard C13 and N15-labeled recombinant protein (NP_001091676)
Predicted MW:RC217995Predicted MW:5.7 kDaProtein Sequence:>RC217995 protein sequence RedeCloning site Green-Tags(s)Mul.GPEGGEGFVWLRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFIYTREGRQSGEAFVELGSEDDVKMA LKKDRESMGHRYTEVFXSHRTENDWULKHSGPNSADSANDGFVRLEPLOFFCKEEIVQPFSGLEIVPNO DPRGTARRYIGIVKQAGLERMRPGAYSTGYGGYEEYSGLSDGVGFTTDLFGRDLSYCLSGWDHRYGDSE FTVQSTTGHCVHRQLPWXATENDTWFFSPLINVRVHELGPDGRVTGEADVEFATHEEAVAARSKDRA NVMRYTELFLINSTTGASGAYSQVMQGMGVSAAQATYSGLESQSVSGCYGAGYSQNSMGGYDTag:CMyc/DDKTag:CMyc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodHabeling Method:Labeled with [U-13C6, 15N4]-LArginie and [U-13C6, 15N2]-LI-LysineBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Stora 4.80°C. Avoid repeated freeze-thaw cycles.Storage:0.50 µg/µL as determined ty forpoducts under proper storage and handling conditionsRefSeq:NP001091676RefSeq:2667RefSeq:2667RefSeq ORF:1245Storage:MRPF; mcS94.1; OK/SW-cL23	Species:	Human
or AA Sequence:Predicted MW:45.7 kDaProtein Sequence:RC217995 protein sequenceRed=Cloning site Green=Tags(s)WHLCPEGGEGF/VKLRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFIYTREGRQSGEAFVELGSEDDVKMA LKKDRESMGHRYTEVFKSHRTEMDWLKHSGPNSADSANDG/VRUGLPFGCTKEETUQFFSGLETVPNG TILPVDPEGKITGEAFVPGASQELAEKALGKHKERIGHRYTEVFKSSQEEVRSySDPDLKFMSVQRPGPY DRPGTARRYIGTKGAGLERMRGAXSTGYGGYEEVSGLSDGVGFTDLFGRDLSYCLSGMVDRRVQDSS FTVQSTTGHCVHMRGLPYKATENDTVNFFSPLNPVRVHTETGPDGRVTGEADVEFATHEEAVAMSKDRA MMQHRYIELFLNSTTGASNGAYSQVHQGMSAAQATYSGLSSQSVGCGAGYSQNSMGGYDTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq:MP 001091676RefSeq Size:2667RefSeq ORF:1245Storage:1245Storage:1245	Expression Host:	HEK293
Protein Sequence:Sc217995 protein sequence Red=Cloning site Green=Tags(s)WHLGPEGGEGFVVKLRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFIYTREGRQSGEAFVELGSEDDVKMA LKKDRESMGHRYIEVFKSHRTTEMDWVLKHSGPNSADSANDGFVRLRGLPFGCTKEEIVQFFSGLEIVPNG TITLPVDFEGKITGEAFVQFASQELAEKALGKHKERIGHRYIEVFKSSQEEVNSSDSPDLKFNSVQRPGPY DRPGTARRYIGIVKQAGLERMRPGAYSTGYGGYEEYSGLSQSVGFTTDLFGDUSYCLSGMYDHRYGDSE FTRTRLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-L-LysineBuffer:0 Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq:MP 001091676RefSeq Size:2667Agefag Size:2667Hargen Compression1245Synonyms:HNRPF; mcS941; 0K/SW-cl.23	•	RC217995
Red=Cloning site Green=Tags(s)MMLGPEGGEGFVVKLRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFIYTREGRQSGEAFVELGSEDDVKMA LKKDRESMGHRYIEVFKSHRTEMDWVLKHSGPNSADSANDGFVRLRGLPFGCTKEEIVQFFSGLEIVPNG TTLPVDFEGKTIGEAFVQFASQELAEKALGKHKERIGHRYIEVFKSSQEEVRSYSDPPLKFNSVQRPGPY DRPGTARRYIGIVKQAGLERMRPGAYSTGYGGYEEYSGLSQVGFTTDLFGRDLSVCLSGMYDHRYGDSE FTVQSTTGHCVHMRQLPYKATENDIYNFFSPLNPVRVHTIEIGPDGRVTGEADVEFATHEEAVAANSKDRA NMQHRYIELFLNSTTGASNGAYSSQVMQGMGVSAAQATYSGLESQSVSGCYGAGYSGQNSMGGYDTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:2667RefSeq ORF:1245Synonyms:HNRPF; mcs94-1; OK/SW-cl.23	Predicted MW:	45.7 kDa
LKKDRESMGHRYIEVFKSHRTEMDWVLKHSGPNSADSANDGFVRLRGLPFGCTKEEIVQFFSGLEIVPNG TILPVDPEGKITGEAFVQFASQELAEXALGKHKERIGHRYIEVFKSSQEEVRSYSDPPLKFMSVQRPGPY DRPGTARRYIGIVQAGLERMRPGAYSTGYGGYEEYSGLSDGYGFTTDLFGRDLSYCLSGMYDHRYGDSE FTTERPLEQKLISEEDLAANDILDYKDDDDKVTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVPurity:80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001091676RefSeq Size:2667RefSeq ORF:1245Synonyms:HNRF; mcs94-1; OK/SW-cl.23	Protein Sequence:	
Tag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001091676RefSeq ORF:1245Synonyms:HNRPF; mcS94-1; OK/SW-cl.23		LKKDRESMGHRYIEVFKSHRTEMDWVLKHSGPNSADSANDGFVRLRGLPFGCTKEEIVQFFSGLEIVPNG ITLPVDPEGKITGEAFVQFASQELAEKALGKHKERIGHRYIEVFKSSQEEVRSYSDPPLKFMSVQRPGPY DRPGTARRYIGIVKQAGLERMRPGAYSTGYGGYEEYSGLSDGYGFTTDLFGRDLSYCLSGMYDHRYGDSE FTVQSTTGHCVHMRGLPYKATENDIYNFFSPLNPVRVHIEIGPDGRVTGEADVEFATHEEAVAAMSKDRA
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 μg/μL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001091676RefSeq ORF:2667Synonyms:HNRPF; mcs94-1; OK/SW-cl.23		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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RefSeq: NP 001091676 RefSeq Size: 2667 RefSeq ORF: 1245 Synonyms: HNRPF; mcs94-1; OK/SW-cl.23	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
RefSeq Size: 2667 RefSeq ORF: 1245 Synonyms: HNRPF; mcs94-1; OK/SW-cl.23	Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq ORF: 1245 Synonyms: HNRPF; mcs94-1; OK/SW-cl.23	RefSeq:	<u>NP 001091676</u>
Synonyms: HNRPF; mcs94-1; OK/SW-cl.23	RefSeq Size:	2667
	RefSeq ORF:	1245
Locus ID: 3185	Synonyms:	HNRPF; mcs94-1; OK/SW-cl.23
	Locus ID:	3185



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	hnRNP F (HNRNPF) (NM_001098206) Human Mass Spec Standard – PH317995
UniProt ID:	<u>P52597, A0A024R7T3</u>
Cytogenetics:	10q11.21
Summary:	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, 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 three repeats of quasi-RRM domains that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified HNRNPF protein (Cat# [TP317995]). The protein was produced from HEK293T cells transfected with HNRNPF cDNA clone (Cat# [RC217995]) using MegaTran 2.0 (Cat# [TT210002]).

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