

## Product datasheet for PH320635

### HSPA4 (NM\_002154) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HSPA4 MS Standard C13 and N15-labeled recombinant protein (NP_002145)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220635
Predicted MW:	94.2 kDa
Protein Sequence:	>RC220635 representing NM_002154 Red=Cloning site Green=Tags(s)

MSVVGIDLGFQSCYVAVARAGGIETIANEYSDRCTPACISFGPKNRSIGAAKSQVISNAKNTVQGFKRF  
HGRAFSDFVEAEKSNLAYDIVQLPTGLTGIKVTYMEERNFTTEQVTAMLLSKLKETAESVLKPKPVDC  
VVSVPFCFYTDAERRSVMDDTTQIAGLNCLRLMNETTAVALAYGIYKQDLPALEEKPRNVFVDMGHSAYQV  
SVCAFNRGKLVKVLATAFDTTLGGKRFDEVLVNHFCIEFGKYYKLDIKSKIRALLRLSQECEKLLKLSAN  
ASDPLSIECFMNDVDVSGTMNRGKFLCNDLLARVEPPLRSVLEQTKLKKEDIYAVEIVGGATRIPAV  
KEKISKFFGKELSTTLNADEAVTRGCALQCAILSPAFAKREFSITDVVPYPISLRWNSPAEEGSSDCEVF  
SKNHAAPFSKVLTFYRKEPFTLEAYYSSPQDLPYDPAIAQFSVQKVTQSDGSSSKVKVVRVNVHGIF  
SVSSASLVEVHKSEENEEPMTDQNAKEEEKMQVDQEEPHVEEQQQTTPAENKAESEEMTSQAGSKDKK  
MDQPPQAKKAKVKTSTVDLPIENQLLWQIDREMLNLYIENEGKIMQDKLEKERNDKNAVEEYVYEMRD  
KLSGEYEKFSVEDDRNSFTLKLLEDTENWLYEDGEDQPKQVYVDKLAELKNLQGPQIKIRFQSEERPKLFE  
ELGKQIQQYMKIISFFKNKEDQYDHLDAADMTKVEKSTNEAMEWMNKNLQNKQSLTMDPVVKSKEIEA  
KIKELTSTCSPPIISKPKKVEPPKKEEQNAEQNGPVDGQGDNPGPQAAEQGTDTAVPSSDSDKLPKEMDID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

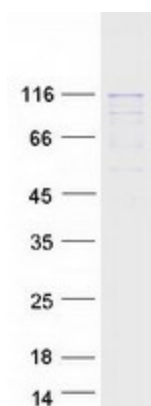
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_002145</a>



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RefSeq Size:	3385
RefSeq ORF:	2520
Synonyms:	APG-2; HEL-S-5a; HS24/P52; hsp70; hsp70RY; HSPH2; RY
Locus ID:	3308
UniProt ID:	<a href="#">P34932</a>
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
Protein Pathways:	Antigen processing and presentation

### Product images:



Coomassie blue staining of purified HSPA4 protein (Cat# [TP320635]). The protein was produced from HEK293T cells transfected with HSPA4 cDNA clone (Cat# [RC220635]) using MegaTran 2.0 (Cat# [TT210002]).