

Product datasheet for **TP320635M**

HSPA4 (NM_002154) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock 70kDa protein 4 (HSPA4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220635 representing NM_002154 Red=Cloning site Green=Tags(s)

MSVVGIDLGFQSCYVAVARAGGIETIANEYSDRCTPACISFGPKNRSIGAAKSQVISNAKNTVQGFKRF
HGRAFSDFVEAEKSNLAYDIVQLPTGLTGIKVTYMEEERNFTTEQVTAMLLSKLKETAESVLKPPVDC
VVSVPFCFYTDAERRSVMDTTQIAGLNCLRLMNETTAVALAYGIYKQDLPALEEKPRNVVFDMDGHSAYQV
SVCAFNRGKLVLAFAFDTTLGGRKFDEVLVNHFCFEEFGKKYKLDIKSKIRALLRLSQCCEKLLKMSAN
ASDLPLSIECFMNDVDVSGTMNRGKFLCNCNDLLARVEPPLRSVLEQTKLKKEDIYAVEIVGGATRIPAV
KEKISKFFGKELSTTLNADEAVTRGCALQCAILSPAFKVRFSITDVVPYISLRWNSPAEEGSSDCEVF
SKNHAAPFSKVLTFYRKEPFTLEAYYSSPQDLPYPDPAIAQFSVQKVTPQSDGSSSKVKVVRVNVHGIF
SVSSASLVEVHKSEENEPMETDQNAKEEEKMQVDQEEPHVEEQQQTPAENKAEESEMETSQAGSKDKK
MDQPPQAKKAKVKTSTVDLPIENQLLWQIDREMLNLYIENEGKMIMQDKLEKERNDAKNAVEEYVYEMRD
KLSGEYEKFSVEDDRNSFTLKLLEDTENWLYEDGEDQPKQVYVDKLAELKNLQPIKIRFQESEERPKLFE
ELGKQIQYMKIISSFKNKEDQYDHLDAADMTKVEKSTNEAMEWMNKNLNLQNKQSLTMDPVVKSKEIEA
KIKELTSTCSPHISKPKPKVEPPKKEEQKNAEQNGPVDGQGDNPGPQAAEQGTDTAVPSDSKKLPEMDID

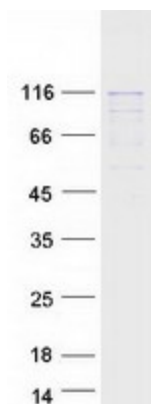
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	94.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002145
Locus ID:	3308
UniProt ID:	P34932
RefSeq Size:	3385
Cytogenetics:	5q31.1
RefSeq ORF:	2520
Synonyms:	APG-2; HEL-S-5a; HS24/P52; hsp70; hsp70RY; HSPH2; RY
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]).