

Product datasheet for PH318858

HSPA14 (NM_016299) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSPA14 MS Standard C13 and N15-labeled recombinant protein (NP_057383)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218858
Predicted MW:	54.8 kDa
Protein Sequence:	>RC218858 protein sequence Red=Cloning site Green=Tags(s)

MAAIGVHLGCTSACVAVYKDGRAGVVANDAGDRVTPAVVAYSENEEIVGLAAKQSRIRNISNTVMKVQI
LGRSSDPQAQKYIAESKCLVIEKNGKLYEIDTGEETKFVNPEDVARLIFSKMKETAHSVLSGDANDVV
ITVPDFGEKQKNALGEAARAAGFNVLRLLIHEPSAALLAYGIGQDSPTGKSNILVFKLGGTSLSLVMEV
NSGIYRVLSTNTDDNIGGAHFTETLAQYLASEFQRSFKHDVVRGNARAMMKLTNSAEVAKHSLSTLGSANC
FLDSL YEQDFDCNVSRRARFELLCSPLFNKIEAIRGLLDQNGFTADDINKVVL CGGSSRIPKLQQLIKD
LFAVELLNSIPPDEVIPIGAAIEAGILIGKENLLVEDSLMIECSARDILVKGVDSESGASRFTVLFPSGT
PLPARRQHTLQAPGSISSVCLELYESDGKNSAKEETKFAQVVLQDLDDKENGRLDILAVLTMKRDGSLHV
TCTDQETGKCEAISIEIAS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_057383
RefSeq Size:	1921
RefSeq ORF:	1527



[View online »](#)

Synonyms: HSP70-4; HSP70L1

Locus ID: 51182

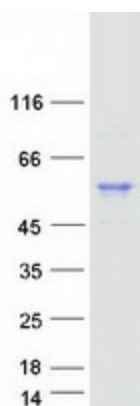
UniProt ID: [Q0VDF9](#)

Cytogenetics: 10p13

Summary: Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified HSPA14 protein (Cat# [TP318858]). The protein was produced from HEK293T cells transfected with HSPA14 cDNA clone (Cat# [RC218858]) using MegaTran 2.0 (Cat# [TT210002]).