

Recombinant Human HSPA14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HSPA14-6534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSPA14 MS Standard C13 and N15-labeled recombinant protein (NP_057383) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HSPA14 (Heat Shock Protein Family A (Hsp70) Member 14) is a Protein Coding gene. Diseases associated with HSPA14 include Pontocerebellar Hypoplasia, Type 2A and Autoimmune Atherosclerosis. Among its related pathways are Cellular response to heat stress and Mechanisms of CFTR activation by S-nitrosoglutathione (normal and CF). An important paralog of this gene is HSPA8.
Molecular Mass	54.8 kDa
AA Sequence	MAAIGVHLGCTSACVAVYKDGRAGVVANDAGDRVTPAVVAYSENEEIVGLAAKQSR IRNISNTVMKVQILGRSSSDPQAQKYIAESKCLVIEKNGKLRYEIDTGEETKFVNPED VARLIFSKMKETAHSVLGSDANDVVITVPFDFGEKQKNALGEAARAAGFNVRLRIHEP SAALLAYGIGQDSPTGKSNILVFKLGGTSLSLVMEVNSGIYRVLSTNTDDNIGGAHF TETLAQYLASEFQRSFKHDVRGNARAMMKLTNSAEVAKHSLSTLGSANCFDLSLYE GQDFDCNVSRARFELLCSPLFNKCIEAIRGLLDQNGFTADDINKVVLCCGGSSRIPLQ QLIKDLFPAVELLNSIPPDEVIPIGAAIEAGILIGKENLLVEDSLMIECSARDILVKGDES GASRFTVLFPSGTPLPARRQHTLQAPGSISSVCLELYESDGKNSAKEETKFAQVVLQ

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	DLDDKENGRLRDILAVLTMKRDGSLHVTCTDQETGKCEAISIEIASTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HSPA14 heat shock protein family A (Hsp70) member 14 [Homo sapiens (human)]
Official Symbol	HSPA14
Synonyms	HSPA14; heat shock protein family A (Hsp70) member 14; HSP70-4; HSP70L1; heat shock 70 kDa protein 14; HSP70-like protein 1; heat shock protein HSP60; heat shock protein hsp70-related protein
Gene ID	51182
mRNA Refseq	NM_016299
Protein Refseq	NP_057383
MIM	610369

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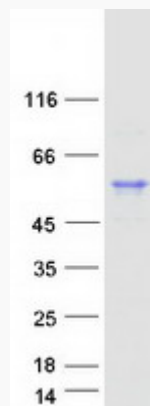
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UniProt ID

Q0VDF9

SDS-PAGE

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