

Recombinant Human HSPA13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HSPA13-5133H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

HSPA13 MS Standard C13 and N15-labeled recombinant protein (NP_008879) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene is a member of the heat shock protein 70 family and is found associated with microsomes. Members of this protein family play a role in the processing of cytosolic and secretory proteins, as well as in the removal of denatured or incorrectly-folded proteins. The encoded protein contains an ATPase domain and has been shown to associate with a ubiquitin-like protein.

Molecular Mass

52 kDa

AA Sequence

MAREMTILGSAVLTLLLAGYLAQQYLPLTPKVIDLGTTCYCVGVFFPGTGKVKVIP
DENGHISIPSMVSFTDNDVYVGYESVELADSNPQNTIYDAKRFIGKIFTAEELAEIGR
YPFKVLNKNMVEFSVTSNETITVSPEYVGSLLLLKLEMAYLGMVANAIVISVP
AEFDLKQRNSTIEAANLAGLKILRVINEPTAAMAYGLHKADVHVLVIDLGGGTLDV
SLLNKQGGMFLTRAMSGNNKLGQDFNQRLLQYLYKQIYQTYGFVPSRKEEIHRLR
QAVEMVKLNLT LHQSAQLSVLLTVEEQDRKEPHSSDTELPKDKLSSADDHRVNSGF
GRGLSDKKSGESQVLFETEISRKLFDTLNEDLFQKILVPIQQVLEKEGHLEKTEIDEVVL
VGGSTRIPRIRQVIQEFFGKDPNTSVDPLAVVTGVAIQAGIDGGFWPLQVSALEIPN

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KHLQKTNFNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [HSPA13 heat shock protein family A \(Hsp70\) member 13 \[Homo sapiens \(human\) \]](#)

Official Symbol [HSPA13](#)

Synonyms HSPA13; heat shock protein 70kDa family, member 13; STCH, stress 70 protein chaperone, microsome associated, 60kD, stress 70 protein chaperone, microsome associated, 60kDa; heat shock 70 kDa protein 13; microsomal stress 70 protein ATPase core; microsomal stress-70 protein ATPase core; stress 70 protein chaperone, microsome-associated, 60kD; stress 70 protein chaperone, microsome-associated, 60kDa; stress-70 protein chaperone microsome-associated 60 kDa protein; STCH;

Gene ID [6782](#)

mRNA Refseq [NM_006948](#)

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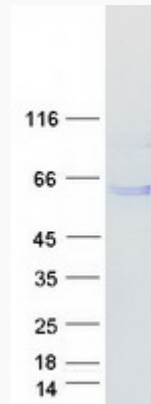
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Protein Refseq NP_008879

MIM 601100

UniProt ID P48723

SDS-PAGE



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