

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	MAREMTILGSAVLTLLLAGYLAQQYLPLPTPKVIGIDLGTTCYSGVFFPGTGKVKVIP DENGHISIPSMVSFTDNDVYVGYESVELADSNPQNTIYDAKRFIGKIFTAEELAEIGR YPFKVLNKNMGMEFSVTSNETITVSPEYVGSRLLLKLKEMAEAYLGMPVANAVISVP AEFDLKQRNSTIEAANLAGLKILRVINEPTAAAMAYGLHKADV FHV LVIDLGGGTLDV SLLNKQGGMFLTRAMSGNNKLGQDFNQRLQYLYKQIYQTYGFVPSRKEEIHRLR QAVEMVKLNLT LHQSAQLSVLLTVEEQDRKEPHSSDTELPKDKLSSADDHRVNSGF GRGLSDKKSGESQVLFETEISRKLFDTLNEDLFQKILVPIQQVLKEGHLEKTEIDEVVL VGGSTRIPRIRQVIQEFGKDPNTSVDPDLAVVTGVAIQAGIDGGFWPLQVSALEIPN

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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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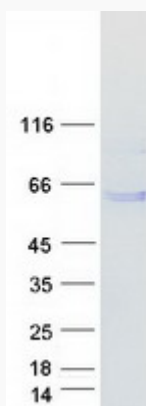
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Protein Refseq NP_008879

MIM 601100

UniProt ID P48723

SDS-PAGE



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