

Product datasheet for PH305259

STCH (HSPA13) (NM_006948) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSPA13 MS Standard C13 and N15-labeled recombinant protein (NP_008879)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205259
Predicted MW:	52 kDa
Protein Sequence:	>RC205259 protein sequence Red=Cloning site Green=Tags(s)

MAREMTILGSAVLTLLLAGYLAQQYLPLPTPKVIGIDLGTTYCSVGVFFPGTGKVKVIPDENGHISIPSM
VSFTDNDVYVGYESVELADSNPQNTIYDAKRFIGKIFTAEELAEIGRYPFKVLNKNMGVFEFSVTSNETI
TVSPEYVGSRLLLKLEMAEAYLGMPVANAVISVPAEFDLKQRNSTIEAANLAGLKILRVINEPTAAAMA
YGLHKADVHVHLVIDLGGGTLDVSLLNKQGGMFLTRAMSGNNKLGQDFNQRLQYLKQIYQTYGFVPS
RKEEIHRLRQAVEMVKNLTLHQSAQLSVLLTVEEQDRKEPHSSDTELPKDKLSSADHRVNSGFGRLS
DKKSGESQVLFETEISRKLFDTLNEDLFQKILVPIQQVLKEGHLEKTEIDEVVLVGGSTRIPRIRQVIQE
FFGKDPNTSVDPDLAVVTGVAIQAGIDGGFWPLQVSALEIPNKHLQKTNFN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_008879</u>
RefSeq Size:	4001
RefSeq ORF:	1413
Synonyms:	STCH



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Locus ID: 6782

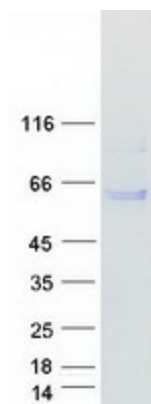
UniProt ID: [P48723](#), [A0A140VK72](#)

Cytogenetics: 21q11.2

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified HSPA13 protein (Cat# [TP305259]). The protein was produced from HEK293T cells transfected with HSPA13 cDNA clone (Cat# [RC205259]) using MegaTran 2.0 (Cat# [TT210002]).