

Product datasheet for TP305259M

STCH (HSPA13) (NM_006948) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock protein 70kDa family, member 13 (HSPA13), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205259 protein sequence Red=Cloning site Green=Tags(s)

MAREMTILGSAVLTL LLAGYLAQQYLPLTPKVI GIDLGTTYCSVGVFFPGTGKVKVIPDENGHISIPSM
VSFTDNDVYVGYESVELADSNPQNTIYDAKRFIGIFTAEELAEIGRYPFKVLNKNGMVEFSVTSNETI
TVSPEYVGSRL LKLKEMAEAYLGMPVANAVISVPAEFDLQQRNSTIEAANLAGLKILRVINEPTAAAMA
YGLHKADV FHV LVIDLGGGTL DV SLLNKQGGMFLTRAMSGNKLGGQDFNQRL LQYLYKQIYQTYGFVPS
RKEEIHRLRQAVEMVKNLNLTHQSAQLSVLLTVEEQDRKEPHSSDTELPKDKLSSADDHRVNSGFGRLS
DKKSGESQVLFETEISRKLFDTLNEDLFQKILVPIQQVLKEGHLEKTEIDEVVLVGGSTRIPRIRQVIQE
FFGKDPNTSVDPDLAVVTGVAIQAGIDGGFWPLQVSALEIPNKHQLKTNFN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	49.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_008879</u>



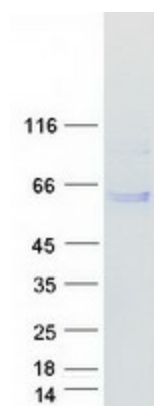
[View online »](#)

Locus ID: 6782
UniProt ID: [P48723](#), [A0A140VK72](#)
RefSeq Size: 4001
Cytogenetics: 21q11.2
RefSeq ORF: 1413
Synonyms: STCH

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]).