

## Product datasheet for **AR09911PU-N**

### HSPA13 / STCH (23-471, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HSPA13 / STCH (23-471, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> <u>GMASMTGGQQ</u> <u>MGRDLYDDDD</u> <u>KDRWGSELEM</u> QQYLPLTPK VIGIDLGTTY CSVGVFFPGT GKVKVIPDEN GHISIPSMVS FTDNDVYVGY ESVELADSNP QNTIYDAKRF IGKIFTAEEL EAEIGRYPFK VLNKNGMVEF SVTSNETITV SPEYVGSRL LKLKEMAEAY LGMPVANAVI SVPAEFDLKQ RNSTIEAANL AGLKILRVIN EPTAAAMAYG LHKADV FHV L VIDLGGGTLD VSLLNKQGGM FLTRAMSGNN KGGQDFNQR LLQYLYKQIY QTYGFVPSRK EEIHLRQAV EMVKNLNLH QSAQLSVLLT VEEQDRKEPH SSDTELPKDK LSSADDHRVN SGFGRGLSDK KSGESQVLFE TEISRKLFDT LNEDLFQKIL VPIQQVLKEG HLEKTEIDEV VLVGGSTRIP RIRQVIQEFF GKDPNTSVDP DLAVVTGVAI QAGIDGGFWP LQVSALEIPN KHLQKTNFN
Tag:	His-tag
Predicted MW:	54.3 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HSPA13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_008879</u>
Locus ID:	6782
UniProt ID:	<u>P48723</u> , <u>A0A140VK72</u>



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Cytogenetics: 21q11.2

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:

