

## Heat shock 70kDa protein 13 Human Recombinant

<b>Item Number</b>	rAP-3405
<b>Synonyms</b>	Heat shock protein 70kDa family member 13, STCH, Stress 70 protein chaperone microsome-associated 60kD, Microsomal stress-70 protein ATPase core.
<b>Description</b>	HSPA13 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 489 amino acids (23 -471a.a.) and having a molecular mass of 54.3 kDa. HSPA13 is fused to a 40 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P48723
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELEM QQYLPLPTPK VIGIDLGTTY CSVGVFPPGT GKVKVIPDEN GHISIPSMVS FTDNDVYVGY ESVELADSNP QNTIYDAKRF IGKIFTAEEL EAEIGRYPFK VLNKNGMVEF SVTSNETITV SPEYVGSRL LKLKEMAEAY LGMPVANAVI SVPAEFDLKQ RNSTIEAANL AGLKILRVIN EPTAAAMAYG LHKADVFHVL VIDLGGGTLD VSLLNKQGGM FLTRAMS- GNN KLGGQDFNQR LLQYLYKQIY QTYGFVPSRK EEIHLRQAV EMVKLNLT LH QSAQLSVLLT VEEQDRKEPH SSDTELPKDK LSSADDHRVN SGFGRGLSDK KSGESQVLFE TEISRKLFDT
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks. Store, frozen at -20&deg;C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The HSPA13 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**