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HSPA13 Human

Heat shock 70kDa protein 13 Human Recombinant
RCP1075

Product Overview

Name	HSPA13 Human
Description	
Heat shock 70kDa protein 13 Human Recombinant	
Accession (Primary)	P48723
Synonyms	
Heat shock protein 70kDa family member 13, STCH, Stress 70 protein chaperone microsome-associated 60kD, Microsomal stress-70 protein ATPase core.	
Introduction	
HSPA13 belongs to the heat shock protein 70 family and is related to microsomes. Members of this protein family take part in the processing of cytosolic and secretory proteins, in addition to the exclusion of denatured or incorrectly-folded proteins. HSPA13 is known to cooperate with PLIC-1 and PLIC-2, proteins which have a role in the signaling connection between the membrane receptors for thrombospondin and the cytoskeleton.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The HSPA13 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELEM QQYLPLPTPK VIGIDLGTTY CSVGVFFPGT GKVKVIPDEN GHISIPSMVS FTDNDVYVGY ESVELADSNP QNTIYDAKRF IGKIFTAEEL EAEIGRYPFK VLNKNGMVEF SVTSNETITV SPEYVGSRLL LKLKEMAEAY LGMPVANAVI SVPAEFDLKQ RNSTIEAANL	

AGLKILRVIN EPTAAAMAYG LHKADVFHVL VIDLGGGTLD VSLLNKQGGM FLTRAMSGNN KLGGQDFNQR LLQYLYKQIY QTYGFVPSRK EEIHRLRQAV EMVKLNLTLH QSAQLSVLLT VEEQDRKEPH SSDTELPKDK LSSADDHRVN SGFGRGLSDK KSGESQVLFE TEISRKLFDT LNEDLFQKIL VPIQQVLKEG HLEKTEIDEV VLVGGSTRIP RIRQVIQEFF GKDPNTSVDP DLAVVTGVAI QAGIDGGFWP LQVSALEIPN KHLQKTNFN.

Precautions

HSPA13 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P48723)