

Human HSPA13 Recombinant Protein



RPPB5250

Product Information Protein Information

Product SKU:

RPPB5250

Accession:

P48723

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Heat shock protein 70kDa family member 13, STCH, Stress 70 protein chaperone microsome-associated 60kD, Microsomal stress-70 protein ATPase core.

Formulation:

The HSPA13 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Purity:

Greater than 95% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELEM QQYLPLTPK VIGIDLGTTY CSVGVFFPGT
GKVKVIPDEN GHISIPSMVS FTDNDVYVGY ESVELADSNP QNTIYDAKRF IGKIFTAEEL EAEIGRYPFK
VLNKNMGMEF SVTSNETITV SPEYVGSRL LKLKEMAEAY LGMPVANAVI SVPAEFDLKQ RNSTIEAANL
AGLKILRVIN EPTAAAMAYG LHKADVHV LVIDLGGGTL VSLLNKQGGM FLTRAMSGNN KLGGQDFNQR
LLQYLYKQIY QTYGFVPSRK EEIHLRQAV EMVKLNLT LH QSAQLSVLLT VEEQDRKEPH SSDTELPKDK
LSSADDHRVN SGFGRGLSDK KSGESQVLFE TEISRKLFDT LNEDLFQKIL VPIQQVLKEG HLEKTEIDEV
VLVGGSTRIP RIRQVIQEFF GKDPNTSVDP DLA VVTGVAI QAGIDGGFWP LQVSALEIPN KHLQKTNFN.