

HSPA13, 23-471aa, Human, His tag, E.coli

Cat.NO.: TP02529

3th Edition

Synonyms:Heat shock protein 70kDa family, member 13, STCH

Description:HSPA13, also known as STCH, 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. HSPA13 has been found to interact with PLIC-1 and PLIC-2, proteins involved in the signaling connection between the membrane receptors for thrombospondin and the cytoskeleton.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl,1mM DTT, 10% glycerol

Molecular Weight:54.3 kDa (489aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSELEMQQYLPLPTPKVIGIDLGTTCYCSVGVFFPGTGKV
KVIPDENGHISIPSMVSFTDNDVYVGYESVELADSNPQNTIYDAKRFIGKIFTAEELAEIGRYPFKVLNKNMGVFEFSV
TSNETITVSPEYVGSRLLLKLKEMAEAYLGMPVANAVISVPAEFDLKQRNSTIEANLAGLKILRVINEPTAAAMAYGL
HKADVFHVLVIDLGGGTLDVSLLNKQGGMFLTRAMSGNNKLGQDFNQRLQYLYKQIYQTYGFVPSRKEEIHRLR
QAVEMVKLNLTQHSAQLSVLLTVEEQDRKEPHSSDTELPKDKLSSADDHRVNSGFGRGLSDKKSGESQVLFETEI
SRKLFDTLNEDLFQKILVPIQQVLKEGHLEKTEIDEVVLVGGSTRIPRIRQVIQEFFGKDPNTSVDPDLAVVTGVAIQA
GIDGGFWPLQVSALEIPNKHLLQKTNFN

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.