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Datasheet for ABIN1635820 HSPA13 Protein (AA 23-471) (His tag)

Overview

Quantity:	1 mg
Target:	HSPA13
Protein Characteristics:	AA 23-471
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPA13 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>QQYLPLPT PKVIGIDLGT TYCSVGVFPP GTGKVKVIPD ENGHISIPSM VSFTDNDVYV</p> <p>GYESVELADS NPQNTIYDAK RFIGKIFTPE ELEAEIGRYP FKVLNKNMGV EFSVTSNETI</p> <p>TVSPEYVGSR LLLKLKEMAE AYLGMPPVANA VISVPAEFDL KQRNSTIEAA NLAGLKILRV</p> <p>INEPTAAAMA YGLHKADV FH VLVIDLGGGT LDVSLNKG GMFLTRAMSG NNKLGGQDFN</p> <p>QRLLQYLYKQ IQTYG FVPS RKEEIHRLRQ SVEMVKLNLT LHQSAQLSAL LTVEEQDRKE</p> <p>PHSSDTELPK DKLSSADDHR VNSGFGRGLS DKKSGESQVL FETEISRKLF DTLNEDLFQK</p> <p>ILVPIQQVLK EGHLEKTEID EVVLVGGSTR IPRIRQVIQE FFGKDPNTSV DPDLAVVTGV</p> <p>AIQAGIDGGS WPLQVSALEI PNKHLQKTNF N</p>
Specificity:	Pongo abelii (Sumatran orangutan)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: HSPA13

Alternative Name: Heat shock 70 kDa protein 13 (HSPA13) ([HSPA13 Products](#))

Background: Recommended name: Heat shock 70 kDa protein 13.
Alternative name(s): Stress-70 protein chaperone microsome-associated 60 kDa protein

UniProt: [Q5R8D9](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.