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Datasheet for ABIN1475497

HSPA13 Protein (AA 23-471) (His tag)

Overview

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

Product Details

Sequence:	<p>QQYLPLPT PKVIGIDLGT TYCSGVFFP GTGKVKVIPD ENGHISIPSM VSFTDGDVYV</p> <p>GYESLELADS NPQNTIYDAK RFIGKIFTPE ELEAEIGRYP FKVLHKNGMA EFSVTSNETI</p> <p>IVSPEYVGSRL LLLKLKEMAE KYLGMPVANA VISVPAEFDL QQRNSTIQAA NLAGLKILRV</p> <p>INEPTAAAMA YGLHKVDVFY VLVIDLGGGT LDVSLLNKQG GMFLTRAMSG NNLGGQDFN</p> <p>QRLLQYLYKE IYQTYGFLPS RKEEIHRLRQ AVEMVKLNLT LHQSAQSVL LTVEENDSQK</p> <p>PQNADSKLPE DQLTPGDGHH VNRVFRPGLS DSTSGKSQVL FETEVSRKLF NTLNEDLFQK</p> <p>ILVPIQQVLK EGLLDKTEID EVVLVGGSTR IPRIRQVIQE FFGKDPNTSV DPDLAVVTGV</p> <p>AIQAGIDGGS WPLQVSALEI PNKHLQKTNF N</p>
Specificity:	Rattus norvegicus (Rat)
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): Microsomal stress-70 protein ATPase core Stress-70 protein chaperone
microsome-associated 60 kDa protein

UniProt: [O35162](#)

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 modified 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.