

ELISA Kit FOR Heat shock-related 70 kDa protein 2

Description

Gene name:	HSPA2(HSP70-3;HSPA3);
Protein name:	Heat shock-related 70 kDa protein 2;
Alternative:	Heat shock 70 kDa protein 3(HSP70.3);
Organism:	Bovine (Bos taurus).

General Annotation

Sub Unit:	Interacts with ZNF541.
Function:	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage.
Subcellular Location:	N/A

Protein Attributes:

Sequence length:	636
Sequence:	
50:	MSARGPAIGI DLGTTYSCVG VFQHGKVEII ANDQGNRTTP SYVAFTDTER
100:	LIGDAAKNQV AMNPTNTIFD AKRLIGRKFE DATVQSDMKH WPFRRVSEGG
150:	KPKVQVEYKG EIKTFFPEEI SSMVLTKMKE IAEA YLGGKV QSA VITVPA Y
200:	FNDSQRQA TK DAGTITGLNV LRIINEPTAA AIA YGLDKKG CAGGEKNVLI
250:	FDLGGGTFDV SILTIEDGIF EVKSTAGDTH LGGEDFDNSM VSHLAEEFKR
300:	KHKKDIAPNK RAVRRLRTAC ERAKRTLSSS TQASIEIDSL YEGVDFYTSI
350:	TRARFEELNA DLFRGTLEPV EKALRDAKLD KGQIQEIVLV GGSTRIPKIQ
400:	KLLQDFFNKG ELNKSINPDE AVAYGAAVQA AILIGDKSEN VQDLLLLDVT
450:	PLSLGIETAG GVMTPLIKRN TTIPTKQTQT FTTYSNQSS VLVQVVEGER
500:	AMTKDNNLLG KFDLTGIPPA PRGVPQIEVT FDIDANGILN VTAADKSTGK
550:	ENKITITNDK GRLSKDDIDR MVQEAEERYKS EDEANRDRVA AKNAVESYTY
600:	NIKQTVEDEK LRGKISDQDK NKILDKCQEV INWLDRNQMA EKDEYEHKQK
636:	ELERVCNPII SKLYQGGPGG GGGSGASGGP TIEEVD
3D Structure:	N/A

Related Databases

Pfam:	PF00012
KEGG:	bta:281827
SMR:	P34933
UniGene:	Bt.19759
Uniprot:	P34933

References
