

Recombinant Bovine Heat Shock 70kDa Protein 8

Cat. No. HSPA8-2650B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant bovine HSC70 was expressed in <i>E. coli</i> . MW = 70 kDa.
Species	Bovine
Source	E.coli
Description	A constitutive (cognate) member of the Hsp70 family of proteins that resides in the cytosol and nucleus. Functions as a chaperone, transiently binding proteins in an ATP-dependent manner. Exhibits ATPase activity.
Purity	≥85% by SDS-PAGE.
Form	Liquid. In 300 mM NaCl, 30 mM Tris-HCL, 2 mM DTT, 1 mM EDTA, pH 7.5.
Storage	≤ -70°C. Avoid freeze/thaw.

GENE INFORMATION

Gene Name	HSPA8 heat shock 70kDa protein 8 [<i>Bos taurus</i>]
Synonyms	HSPA8; heat shock 70kDa protein 8; Hsc70; HSPA10; MGC128130; heat shock cognate 71 kDa protein; Hsc70 ATPase; heat shock 70 kDa protein 8; heat shock cognate 71 kD protein; heat shock 70kd protein 10 (HSC71)
Gene ID	281831

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mRNA Refseq	NM_174345
Protein Refseq	NP_776770
UniProt ID	P19120
Chromosome Location	15
Pathway	Antigen processing and presentation; Endocytosis; MAPK signaling pathway; Spliceosome
Function	ATP binding; nucleotide binding; protein binding
PDB rendering based on 1atr.	