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Datasheet for ABIN666857

HSP70 Protein (AA 1-641) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	HSP70
Protein Characteristics:	AA 1-641
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSP70 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	HSP70 (amino acids 1-641) Human, Recombinant, His- tagged, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	HSP70
Alternative Name:	HSP70 (HSP70 Products)
Background:	Hsp70 is a human heat shock protein. Hsp70 is an important part of the cell's machinery for protein folding, and help to protect cells from stress. In most species, there are many proteins that belong to the hsp70 family. Some of these are only expressed under stress conditions, while some are present in cells under normal growth conditions and are not heat-inducible. They can be found in different cellular compartments (nuclear, cytosolic, mitochondrial,

Target Details

endoplasmic reticulum, etc.). Recombinant human Hsp70, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: HSPA1A, HSPA1, HSPA1B, HSP70, HSP70.1, HSP70-1/HSP70-2, Heat shock 70 kDa protein 1, Heat shock 70 kDa protein 1, heat shock 70kDa protein 1A, NCBI no.: NP_005336

Molecular Weight: 72.2kDa (661aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

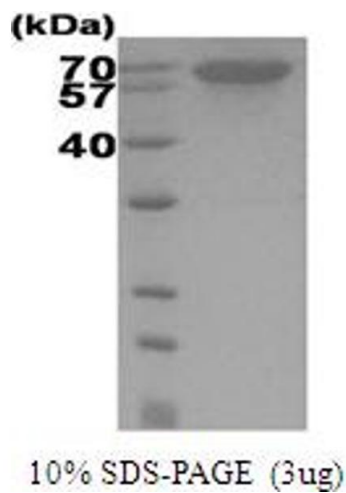
Format: Liquid

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

Buffer: Liquid. 20mM Tris pH7.5, 2mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.