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Datasheet for ABIN7454130

HSP70 Protein (AA 2-641) (His tag)



Overview

Quantity:	100 μg
Target:	HSP70
Protein Characteristics:	AA 2-641
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSP70 protein is labelled with His tag.

Product Details

Purpose:	Human HSP70 Protein
Sequence:	Ala2-Asp641 (Glu110Asp)
Characteristics:	Recombinant Human HSP70 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Ala2-Asp641(Glu110Asp).
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

Target:	HSP70
Alternative Name:	HSP70 (HSP70 Products)

Target Details

Background:	Chaperones of the 70 kDa heat shock protein (Hsp70) superfamily are key components of the cellular proteostasis system. Together with its co-chaperones, Hsp70 forms proteostasis subsystems that antagonize protein damage during physiological and stress conditions.
Molecular Weight:	72.2 kDa same as Tris-Bis PAGE result.
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 25 mM Tris, 100 mM Glycine, 10 % Glycerol (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months