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Datasheet for ABIN666830

HSP90 Protein (AA 1-732) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	HSP90
Protein Characteristics:	AA 1-732
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSP90 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	HSP 90 (amino acids 1-732), Human, Recombinant, His-tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	HSP90
Alternative Name:	HSP 90 (HSP90 Products)
Background:	HSP 90 is a human heat shock protein. In response to adverse change in their environment, cell from all organisms increase the expression of a class of proteins referred to as heat shock or stress protein. The Hsp90, a highly conserved stress-induced protein, is abundantly expressed in most tissues under nonstress conditions and is required for eukaryotic cell viability. Hsp90 is primarily a cytoplasmic protein and its function remains unknown. It exists in a dimeric form

Target Details

and has been observed to bind to several other cellular proteins such as retro-virus kinases, steroid receptor, heme-regulated protein kinase, actin and tubulin. Recombinant human Hsp90 alpha, fused to His-tag at N-terminus, was cloned into an E. coli expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques. Synonyms: HSP 86, Renal carcinoma antigen NY-REN-38, HSPC1, HSPCA, Heat shock protein 90-alpha Renal carcinoma antigen NY REN 38, D6S182, FLJ26984, FLJ31884, Heat shock 90kDa protein 1 alpha, heat shock protein 90kDa alpha (cytosolic), class A member 2, HSP84, HSP86, Hsp89, HSP89A, Hsp90, HSP90A, HSP90AA1, HSP90ALPHA, HSP90N, HSPCAL3, HSPCB, HSPN, LAP2, Lipopolysaccharide associated protein2, LPS associated protein 2, NY REN 38 antigen, hsp90, Heat shock protein HSP 90-alpha. NCBI no.: NP_005339

Molecular Weight: 86.8kDa (752aa), confirmed by MALDI-TOF.

Pathways: [M Phase](#), [Regulation of Cell Size](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [VEGFR1 Specific Signals](#)

Application Details

Restrictions: For Research Use only

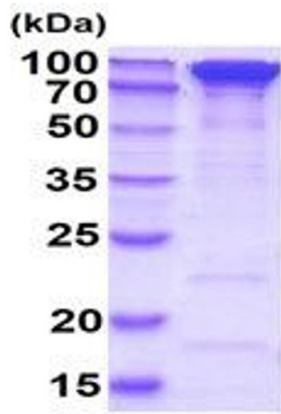
Handling

Format: Liquid

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

Buffer: Liquid. 20 mM Tris-HCl, pH 7.4, containing 100 mM NaCl

Storage: 4 °C



10% SDS-PAGE (3ug)

SDS-PAGE

Image 1.