

Heat Shock Protein 60 (Hsp60) Recombinant Protein | Hsp60 recombinant protein

Recombinant Heat Shock Protein 60 (Hsp60)

CATALOG # AAA153394	HOST E coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

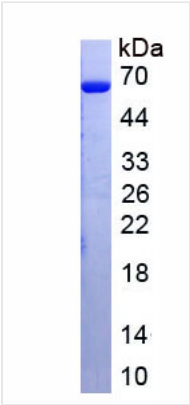
Heat Shock Protein 60 (Hsp60); Recombinant Heat Shock Protein 60 (Hsp60); Heat Shock Protein 60; Hsp60 recombinant protein (prokaryotic); Rat; HSPD1; GROEL; CPN60; HuCHA60; Heat Shock 60kD Protein 1; Chaperonin; Spastic Paraplegia 13; Autosomal Dominant; 60 kDa chaperonin; Mitochondrial matrix protein P1; P60 lymphocyte protein; Hsp60 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Lys28~Phe573
Applicable Applications for Hsp60 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.1
Subcellular Location	Mitochondrion
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

KDVKFGADARALMLQQVOLLADAVAVTNGPKGRVTIEEQSGKSPKVTGQVTVAKSTDLKDKYKNTGAKLVQDVANNTNEACDGTTTA
TVLARSIAKEGFEKISGANPVEIRGQHLAVDAIAELKKQSKPVTTPREEIAQVATISANGKQDIGNIISDANKKYGRKGVITVNDGK
TLNDELIEEGKWPQVPTSPYFINTSKQKCFQDAVNLSEKISSQGVPALEISANWRPLVTAEDVSGALSTLVNLRKVG
LQVAVKAPGFGNRKQKQKMAIATGAVFGEGLNLNLEDVQAHDLQGVGEVTVKQDAMLLKQKQKAKHEKRIQETIEQLDITTS
EYEKELNERLAKLSQVAVLKVGTSQVENEKORVTDALNTRAAVEEGLVGGGALLRCIPALDSKPNEDQKIGETIKRAL
KIPARTAKNAGVEGSLIVEKILQSSSEVQVDAHLGDFVNRVEKGIIDPTKVRTALLDAAGVASLLTTAEAVTEIPKEEKQPGNGAR
GGGGGGGGG

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for Hsp60 recombinant protein	Prokaryotic proteins
---	----------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	206597443
NCBI GeneID	63868
NCBI Accession #	NP_071565.2
NCBI GenBank Nucleotide #	NM_022229.2
UniProt Accession #	P63039; P19226; P19227; P97602
Molecular Weight	60,955 Da
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock protein 1 (chaperonin)
NCBI Official Symbol	Hspd1
NCBI Official Synonym Symbols	Hsp60; Hspd1-30p
NCBI Protein Information	60 kDa heat shock protein, mitochondrial; CPN60; HSP-60; HSP-65; chaperonin 60; 60 kDa chaperonin; heat shock 60kDa protein 1; heat shock protein 60 (liver); mitochondrial matrix protein P1; heat shock 60kD protein 1 (chaperonin)
UniProt Protein Name	60 kDa heat shock protein, mitochondrial
UniProt Gene Name	Hspd1
UniProt Synonym Gene Names	Hsp60; CPN60; HSP-60; Hsp60
UniProt Entry Name	CH60_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.