

Recombinant Human HSPD1 protein, His/MBP-tagged

Cat. No. HSPD1-270H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPD1(305-426 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	305-426 aa
Description	This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION
Gene Name

HSPD1 heat shock 60kDa protein 1 (chaperonin) [Homo sapiens]

Official Symbol

HSPD1

Synonyms

HSPD1; heat shock 60kDa protein 1 (chaperonin); heat shock 60kD protein 1 (chaperonin) , spastic paraplegia 13 (autosomal dominant) , SPG13; 60 kDa heat shock protein, mitochondrial; GROEL; HSP60; chaperonin 60; 60 kDa chaperonin; heat shock protein 65; P60 lymphocyte protein; mitochondrial matrix protein P1; short heat shock protein 60 Hsp60s1; HLD4; CPN60; HSP65; SPG13; HSP-60; HuCHA60;

Gene ID

3329

mRNA Refseq

NM_002156

Protein Refseq

NP_002147

MIM

118190

UniProt ID

P10809

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