Recombinant Human HSPD1 protein, His&GST-tagged

Cat. No. HSPD1-8545H **Lot. No.** (See product label)

SPECIFICATION

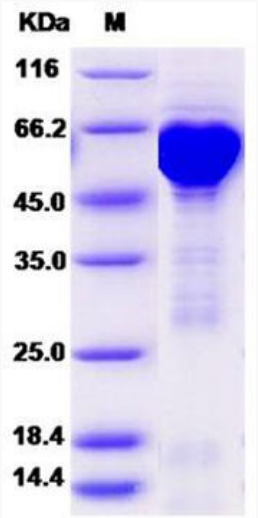
Product Overview	Recombinant Human HSPD1 protein(NP_955472.1) (Leu 2-Phe 573) was expressed in E.coli, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-573 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human HSP60/GST chimera consists of 809 amino acids and has a calculated molecular mass of 88.7 KDa. It migrates as an approximately 52-65 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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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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SDS-PAGE	

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