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## HSPD1 Protein (AA 1-573) (His tag)



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|--------|----|----|----|-------------|---|
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| Quantity:                     | 100 μg  |
|-------------------------------|---|
| Target:                       | HSPD1   |
| Protein Characteristics:      | AA 1-573  |
| Origin:                       | Human   |
| Source:                       | Escherichia coli (E. coli)  |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This HSPD1 protein is labelled with His tag.                                  |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC) |

#### **Product Details**

| Sequence:        | Met1-Phe573  |
|------------------|--|
| Characteristics: | Recombinant Heat Shock Protein 60 (Hsp60), Prokaryotic expression, Met1-Phe573, N-terminal |
|                  | His Tag  |
| Purity:          | > 97 %   |

#### **Target Details**

| Target:           | HSPD1  |
|-------------------|--|
| Alternative Name: | Heat Shock Protein 60 (HSPD1 Products)   |
| Background:       | 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 |

## **Target Details**

| Molecular Weight: | 62kDa   |
|-------------------|---|
| UniProt:          | P10809  |
| Pathways:         | Activation of Innate immune Response, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune |
|                   | Response, Positive Regulation of Endopeptidase Activity   |

## **Application Details**

| Application Notes: | Optimal working dilution should be determined by the investigator. |  |
|--------------------|--|--|
| Comment:           | Isoelectric Point:6.1  |  |
| Restrictions:      | For Research Use only  |  |

## Handling

| Format:            | Lyophilized   |
|--------------------|---|
| Buffer:            | 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.        |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-80 °C   |
| Storage Comment:   | Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.   |
| Expiry Date:       | 12 months   |