

# Recombinant Sumatran orangutan HSPA1A (Met1-Glu386, V59A, D69A, H89A, E231A, R261A) Protein, C-His tagged

**Cat. No.** HSPA1A-5402P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Sumatran orangutan HSPA1 (Met1-Glu386, V59A, D69A, H89A, E231A, R261A) fused with the C-His tag was expressed in E. coli.                                                   |
| <b>Species</b>          | Pongo Abellii                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Met1-Glu386, V59A, D69A, H89A, E231A, R261A                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 43.27 kDa                                                                                                                                                                               |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                        |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.                                                                                                               |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |

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**Shipping**

They are shipped out with dry ice/blue ice unless customers require otherwise.

**GENE INFORMATION**

|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HSPA1A heat shock protein family A (Hsp70) member 1A [ Pongo abelii (Sumatran orangutan) ] |
| <b>Official Symbol</b> | HSPA1A                                                                                     |
| <b>Synonyms</b>        | HSPA1A; heat shock protein family A (Hsp70) member 1A; HSPA1; heat shock 70 kDa protein 1  |
| <b>Gene ID</b>         | 100172826                                                                                  |
| <b>mRNA Refseq</b>     | NM_001132421                                                                               |
| <b>Protein Refseq</b>  | NP_001125893                                                                               |
| <b>UniProt ID</b>      | Q5R7D3                                                                                     |

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