

## Hsp70-derived Octapeptide

Cat. No.: H648735 | Pack size: 1 mg / 5 mg / 10 mg | Storage: Protected from light; -20°C; desiccated

### Overview

Hsp70-derived octapeptide is a conserved octapeptide of the C-terminal end of Hsp70, which physically interacts with tetratricopeptide repeat (TPR) motifs.

### Specifications

| Item                                     | Specification                                                                                                                                               |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms                                 | HY-P1896   TP1616   715885ES03   715885ES08   715885ES10   CLP0649   IYT106899   abs833661   H983915   BD01135056   V48045   A23140   GC76515               |
| Specifications & Purity                  | BioReagent, ≥98%                                                                                                                                            |
| Biochemical and Physiological Mechanisms | Hsp70-derived octapeptide is a conserved octapeptide of the C-terminal end of Hsp70, which physically interacts with tetratricopeptide repeat (TPR) motifs. |
| Stability and Storage                    | Store at -20°C long term (24 months).                                                                                                                       |
| Storage                                  | Protected from light, store at -20°C, desiccated                                                                                                            |
| Shipped In                               | Ice chest + ice pads. This product requires cold-chain shipping. Ground and other economy services are not available.                                       |
| Grade                                    | BioReagent                                                                                                                                                  |
| Purity                                   | ≥98%                                                                                                                                                        |
| CAS                                      | 736171-62-3                                                                                                                                                 |
| Molecular Weight                         | 858.89                                                                                                                                                      |
| Solubility                               | H <sub>2</sub> O: 1.82 mg/mL (2.12 mM; ultrasonic treatment and adjust pH to 1 with HCl)                                                                    |
| Sensitivity                              | Light-sensitive. Moisture-sensitive.                                                                                                                        |

## Precautions

Protect from light and moisture. Keep desiccated and store at  $-20^{\circ}\text{C}$ . Use appropriate laboratory personal protective equipment and handle according to the current SDS.

## Recommended Applications

Cell metabolism research · studies of Hsp70 C-terminal interactions with tetratricopeptide repeat (TPR) motifs

## Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

### NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES

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## Limitations & Disclaimer

For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.

This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.

Where the product or any component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.

Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.

Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document would be reviewed and reissued.