

Datasheet for ABIN7575328

**Calpastatin Protein (CAST) (His tag)**[Go to Product page](#)

## Overview

|                               |                                                    |
|-------------------------------|----------------------------------------------------|
| Quantity:                     | 100 µg                                             |
| Target:                       | Calpastatin (CAST)                                 |
| Origin:                       | Human                                              |
| Source:                       | Escherichia coli (E. coli)                         |
| Protein Type:                 | Recombinant                                        |
| Purification tag / Conjugate: | This Calpastatin protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), ELISA       |

## Product Details

|           |                               |
|-----------|-------------------------------|
| Purpose:  | Recombinant Human CAST, N-His |
| Sequence: | Ala446-Lys636                 |

## Target Details

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Target:           | Calpastatin (CAST)                                          |
| Alternative Name: | CAST ( <a href="#">CAST Products</a> )                      |
| Background:       | Sperm BS-17 component, CAST, Calpastatin, Calpain inhibitor |
| Molecular Weight: | 23.57 kDa                                                   |
| UniProt:          | <a href="#">P20810</a>                                      |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
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| Restrictions: | For Research Use only |
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## Handling

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|         |             |
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| Format: | Lyophilized |
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| Reconstitution: | Reconstitute in sterile water for a stock solution. |
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| Buffer: | Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol. |
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| Storage: | 4 °C,-20 °C,-80 °C |
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| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt. |
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