# CD93 Protein (CD93) (AA 23-572) (His tag)

| 1 | Image |
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Go to Product page

## Overview

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| Quantity: | 100 μg |
| Target: | CD93 |
| Protein Characteristics: | AA 23-572 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CD93 protein is labelled with His tag. |

## Product Details

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| Purpose: | Recombinant mouse CD93 protein with C-terminal 6xHis tag |
| Specificity: | Mouse CD93 (Ala23-Asn572) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

## Target Details

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| Target: | CD93 |
| Alternative Name: | CD93 (CD93 Products) |
| Background: | Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and |

## Target Details

|  | pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion. Marker for early multipotent hematopoietic precursor cells. May play a role in cell-cell interactions during hematopoietic and vascular development.[UniProtKB/Swiss-Prot Function] |
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| Molecular Weight: | predicted molecular mass of 59.9 kDa after removal of the signal peptide. The apparent molecular mass of mCD93-His is 70-100 kDa due to glycosylation. |
| UniProt: | O89103 |

## Application Details

| Restrictions: | For Research Use only |
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## Handling

| Format: | Lyophilized |
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| Buffer: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date: | 12 months |
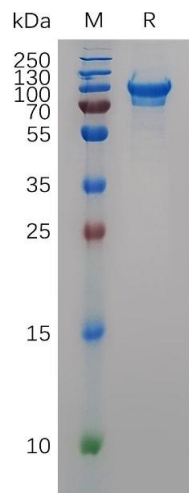
# Images



## SDS-PAGE

**Image 1.** Mouse CD93 Protein, His Tag on SDS-PAGE under reducing condition.