

## CD7 Protein, Mouse (127a.a, HEK293, His)

|                   |                                     |
|-------------------|-------------------------------------|
| Cat. No.:         | HY-P72712                           |
| Synonyms:         | T-Cell Antigen CD7; GP40; TP41; CD7 |
| Species:          | Mouse                               |
| Source:           | HEK293                              |
| Accession:        | P50283 (Q24-P150)                   |
| Gene ID:          | 12516                               |
| Molecular Weight: | 18-30 kDa                           |

### PROPERTIES

|                     |                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AA Sequence         | <p>Q D V H Q S P R L T    I A S E G D S V N I    T C S T R G H L E G    I L M K K I W P Q A</p> <p>Y N V I Y F E D R Q    E P T V D R T F S G    R I N F S G S Q K N    L T I T I S S L Q L</p> <p>A D T G D Y T C E A    V R K V S A R G L F    T T V V V K E K S S    Q E A Y R S Q E P L</p> <p>Q T S F S F P</p> |
| Appearance          | Lyophilized powder.                                                                                                                                                                                                                                                                                                  |
| Formulation         | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                          |
| Endotoxin Level     | <1 EU/µg, determined by LAL method.                                                                                                                                                                                                                                                                                  |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).                                                                                                    |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.                                                                                                           |
| Shipping            | Room temperature in continental US; may vary elsewhere.                                                                                                                                                                                                                                                              |

### DESCRIPTION

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Background | <p>The functional role of CD7 protein is currently not fully elucidated, and its specific cellular activities remain unknown. However, it has been identified to interact with SECTM1, suggesting potential involvement in cellular processes mediated by this interaction. Further research is required to comprehensively understand the functional significance and biological activities associated with CD7 protein in cellular contexts.</p> |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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