

PRODUCT INFORMATION

| | |
|---|---|
| Target | CD73 |
| Synonyms | NT5E; NT; eN; NT5; NTE; eNT; E5NT; CALJA |
| Description | Recombinant human CD73 Protein with C-terminal 10×His tag |
| Delivery | In Stock |
| Uniprot ID | P21589 |
| Expression Host | HEK293 |
| Tag | C-10×His tag |
| Molecular Characterization | CD73(Trp27-Ser549) 10×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 59.3 kDa after removal of the signal peptide. The apparent molecular mass of CD73-His is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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. |
| Background | The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011] |
| Usage | Research use only |
| Conjugate | Unconjugated |



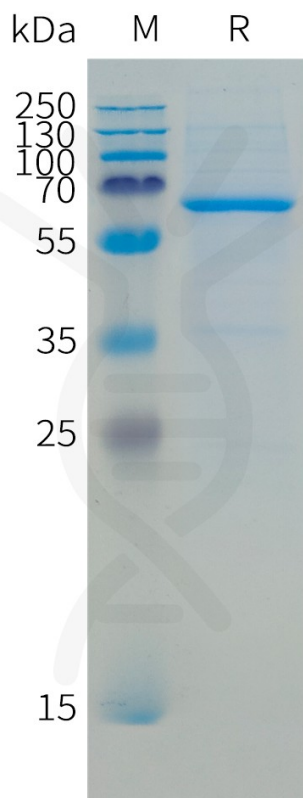


Figure 1. Human CD73 Protein, His Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

