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

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

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