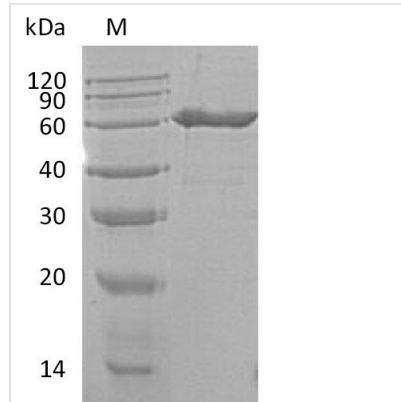




# Recombinant Mouse 5'-nucleotidase (Nt5e), partial (Active)

<b>Product Code</b>	CSB-AP005101MO
<b>Abbreviation</b>	Recombinant Mouse Nt5e protein, partial (Active)
<b>Uniprot No.</b>	Q61503
<b>Form</b>	Liquid
<b>Storage Buffer</b>	0.2 µm filtered 20 mM Tris-HCl, 120 mM NaCl, 4 mM CaCl <sub>2</sub> , 20% Glycerol, pH 7.5
<b>Product Type</b>	CD Antigen
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Mouse CD73-His at 2µg/ml can bind Anti-Human CD73 mAb, the ED <sub>50</sub> of Anti-Human CD73 mAb is 3.70 ng/ml.
<b>Purity</b>	≥ 95% as determined by SDS-PAGE.
<b>Sequence</b>	WELTILHTNDVHSRLEQTSDDSTKCLNASLCVGGVARLFTKVQQIRKEEPNVL FLDAGDQYQGTIWFTVYKGLEVAHFMMNILGYDAMALGNHEFDNGVEGLIDPLL RNVKFPILSANIKARGPLAHQISGLFLPSKVLSVGGVGGVIGVYTSKETPFLSNP GTNLVFEDEISALQPEVDKLTNLVNVKIIALGHSGFEMDKLIAQKVRGVDIVVGG HSNTFLYTGNPPSKEVPAGKYPIVTTADDGRQVPVQAYAFGKYLGYLKVEFD DKGNVITSYGNPILLNSSIPEDATIKADINQWRIKLDNYSTQELGRTIVYLDGSTQ TCRFRECNMGNLICDAMINNNLRHPDEMFWNHVSMCIVNGGGIRSPIDEKNN GTITWENLAAVLPFGGTFDLVQLKGSTLKKAFEHSVHRYGQSTGEFLQVGGIH VVYDINRKPWNRVVQLEVLCTKCRVPIYEPLMDKVYKVTLP SYLANGGDGFQ MIKDELLKHDSGDQDISVVSEYISKMKVVYPAVEGRIKF
<b>Research Area</b>	Cardiovascular
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Nt5e
<b>Expression Region</b>	29-550aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 6xHis-tagged
<b>Mol. Weight</b>	58.8 kDa
<b>Protein Length</b>	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Endotoxin**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.