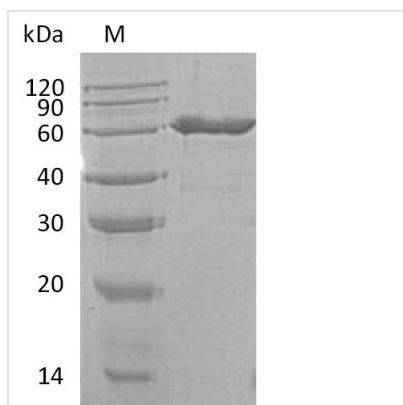




# Recombinant Mouse 5'-nucleotidase (Nt5e), partial (Active)

<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 ED50 of Anti-Human CD73 mAb is 3.70 ng/ml.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	WELTILHTNDVHSRLEQTSDDSTKCLNASLCVGGVARLFTKVQQIRKEEPNVL FLDAGDQYQGTTWFTVYKGLEVAHFMNILGYDAMALGNHEFDNGVEGLIDPLL RNVKFPILSANIKARGPLAHQISGLFLPSKVLSVGGEVVGIVGYTSKETPFLSNP GTNLVFEDEISALQPEVDKLTNLVNKIIALGHSGFEMDKLIAQKVRGVDIVVGG HSNTFLYTGNPPSKEVPAGKYPFIVTADDGRQVPVQAYAFGKYLGYLKVEFD DKGNVITSYGNPILLNSSIPEDATIKADINQWRIKLDNYSTQELGRTIVYLDGSTQ TCRFRECNMGNLICDAMINNNLRHPDEMFWNHVSMCIVNGGGIRSPIDEKNN GTITWENLAAVLPPGGTFDLVQLKGSTLKKAFEHSVHRYGQSTGEFLQVGGIH VVYDINRKPWNRVVQLEVLCTKCRVPIYEPLEMDKVYKVTLP 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
<b>Image</b>	



(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.