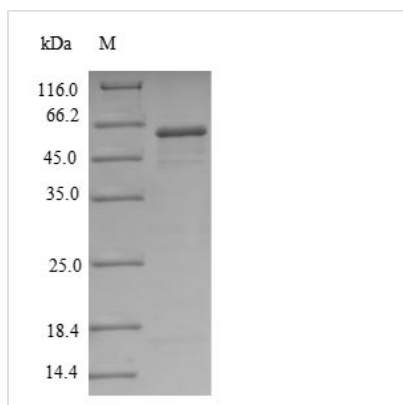




Recombinant Human 5'-nucleotidase (NT5E), partial

Product Code	CSB-EP723415HU1b1
Relevance	Hydrolyzes Extracellular domain nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities.
Abbreviation	Recombinant Human NT5E protein, partial
Storage	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.
Uniprot No.	P21589
Alias	Ecto-5'-nucleotidase CD_antigen: CD73
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ELTILHTNDVHSRLEQTSSEDSSKCVNASRCMGGVARLFTKVQQIRRAEPNVLL LDAGDQYQGTIWFTVYKGAEVAHFNMALRYDAMALGNHEFDNGVEGLIEPLL KEAKFPILSANIKAKGPLASQISGLYLPYKVLPGDEVVGIVGYTSKETPFLSNP GTNLVFEDEITALQPEVDKLTNLNVNKIILGHSGFEMDKLIAQKVRGVDDVVVG GHSNTFLYTGNPPSKEVPAGKYPPFIVTSDDGRKVPVVQAYAFGKYLGYLKIEF DERGNVISSHGPNILLNSSIPEDPSIKADINKWRIKLDNYSTQELGKTIVYLDGSS QSCRFRECNMGNLICDAMINNNLRHTDEMFWNHVSMCILNGGGIRSPIDERN NGTITWENLA AVLPPGGTDFDLVQLKGSTLKKAFEHSVHRYGQSTGEFLQVGGI HVVYDLSRKPGDRVVKLDVLC TKCRVPSYDPLKMDEVYKVILPNFLANGGDGF QMIKDELLRHDSGDQDINVVSTYISKMKVIYPAVEGRIK
Research Area	Cardiovascular
Source	E.coli
Target Names	NT5E
Expression Region	28-547aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	62.6kDa
Protein Length	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.