

Recombinant Mouse Nt5e protein, His-tagged

Cat. No. Nt5e-2302M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nt5e protein(Q61503)(Trp29-Lys549), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Trp29-Lys549
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris, 120mM NaCl (pH 7.5). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse CD73, His Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-CD73 Antibody, hFc Tag with the EC50 of 4.1 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 58.6 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	Nt5e 5 nucleotidase, ecto [<i>Mus musculus</i>]
Official Symbol	Nt5e
Synonyms	NT5E; 5 nucleotidase, ecto; 5-nucleotidase; 5-NT; ecto-5-nucleotidase; NT; Nt5; eNT; CD73; AI447961; 2210401F01Rik;
Gene ID	23959
mRNA Refseq	NM_011851
Protein Refseq	NP_035981