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Human5'-Nucleotidase/NT5E/CD73 Recombinant Protein (84-944)

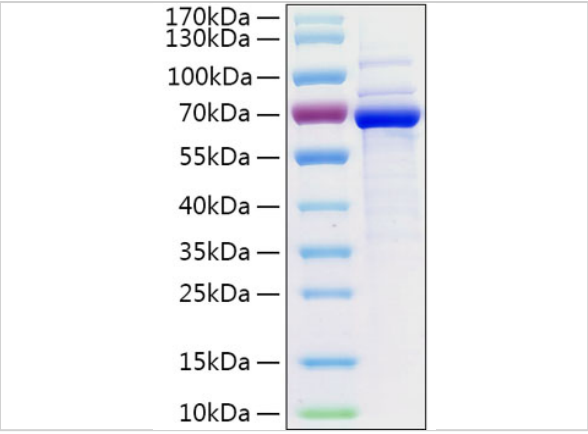
CATALOG NUMBER: 84-944

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	61.10 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human 5-Nucleotidase/CD73 at 2 μg/mL (100 μL/well) can bind 5-Nucleotidase/CD73 Rabbit pAb with a linear range of 0.16-2.93 ng/mL. 2.Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-monophosphate (AMP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit. The specific activity is >33654 pmol/min/μg. 3.Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-monophosphate (AMP). The specific activity is >25,000 pmol/min/μg.

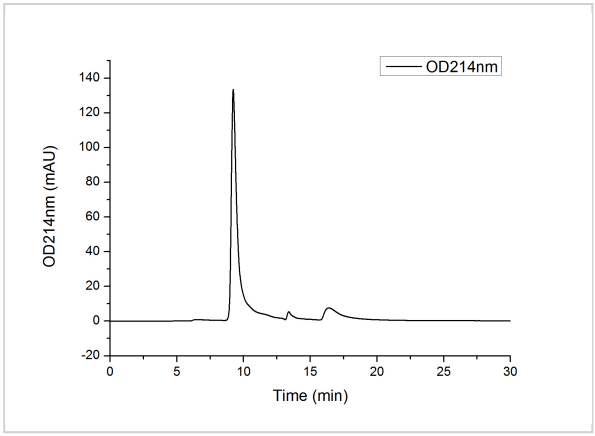
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



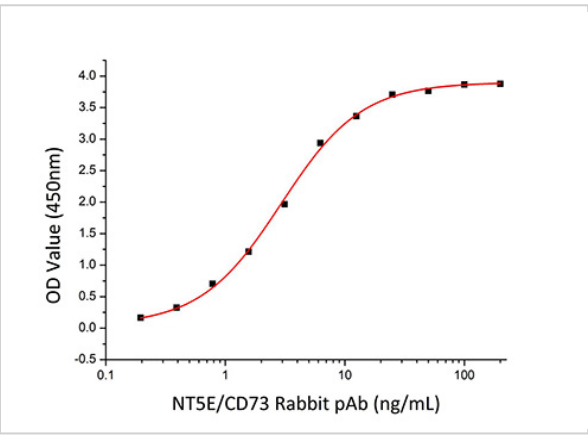
84-944_1

Recombinant Human5'-Nucleotidase/NT5E/CD73 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-944_2

The purity of Human 5'-Nucleotidase/CD73 Protein (Cat.84-944) was greater than 90% as determined by SEC-HPLC.



84-944_3

Immobilized Human 5'-Nucleotidase/CD73 at 2 μg/mL (100 μL/well) can bind 5'-Nucleotidase/CD73 Rabbit pAb with a linear range of 0.16-2.93 ng/mL.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

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