

Active Recombinant Mouse NEC protein, His-tagged, low endotoxin

Cat. No. NEC-0012M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NEC protein(Gly 31 - Ser 347), fused with His tag at the C-terminus, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gly 31 - Ser 347
Form	Lyophilized from 0.22 µm filtered solution in PBS, Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Mouse Nectin-4, His Tag on NTA Biosensor, can bind Human Nectin-1, Fc Tag with an affinity constant of 48.8 nM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 36.2 kDa. The protein migrates as 38-43 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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