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Product Datasheet

Recombinant Human NEDD8 (N-6His-SUMO) EBT-EPT278

Article Name	Recombinant Human NEDD8 (N-6His-SUMO)
Biozol Catalog Number	EBT-EPT278
Supplier Catalog Number	EPT278
Alternative Catalog Number	EBT-EPT278-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Neural Precursor Cell Expressed Developmentally Down-regulated Protein 8 is produced by our E.coli expression system and the target gene encoding Met1-Gly76 is expressed with a 6His, SUMO tag at the N-terminus....
Molecular Weight	Molecular weight: 20.9 KDa. Apparent molecular weight: 24 KDa, reducing conditions
UniProt	Q15843
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Human NEDD8 shares 60% amino acid sequence identity to ubiquitin. The only known substrates of NEDD8 modification are the cullin subunits of SCF ubiquitin E3 ligases. The NEDDylation of cullins is critical for the recruitment of E2 to the ligase complex, thus facilitating ubiquitin conjugation. NEDD8 modification has therefore been implicated in cell cycle progression and cytoskeletal regulation