

PRODUCT INFORMATION

Target	NEDD8
Synonyms	NEDD-8
Description	Purified recombinant protein of Human neural precursor cell expressed, developmentally down-regulated 8 (NEDD8), with N-terminal HIS tag, expressed in E.Coli, 50ug
Delivery	2-3 weeks
Uniprot ID	Q15843
Expression Host	E. coli
Tag	N-His
Molecular Characterization	N/A
Molecular Weight	8.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Storage & Shipping	Store at -80°C.
Background	Ubiquitin-like protein which plays an important role in cell cycle control and embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

