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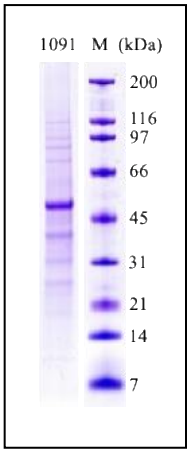
Recombinant HDAC3 Protein

Catalog Number	Size
AG1091-10	10ug
AG1091-25	25ug
AG1091-B	Bulk

Description



The histone deacetylase 3 (HDAC3) was expressed in the baculovirus system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 437 amino acids with an Flag tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 50kDa.

MDYKDDDDKMAKTVAYFYDPDVGNFHYGAGHPMKPHRLALTHSLVLHYGL
YKKMIVFKPYQASQHDMCRFHSEDYIDFLQRVSPTNMQGFTKSLNAFNVG
DDCPVFPGLFEFCSRYTGASLQGATQLNNKICDIAINWAGGLHHAKKFEA
SGFCYVNDIVIGILELLKYHPRVLYIDIDIHHGDGVQEAFYLTDRVMTVS
FHKYGNYFFPGTGDMYEVGAESGRYYCLNVPLRDGIDDQSYKHLFQPVIN
QVVDFYQPTCIVLQCGADSLGCDRLGCFNLSIRGHGECVEYVKSFNIPLL
VLGGGGYTVRNVARCWTYETSLLVEEAISEELPYSEYFEYFAPDFTLHPD
VSTRIENQNSRQYLDQIRQTIFENLKMLNHAPSVQIHDVPADLLTYDRTD
EADAEERGPEENYSRPEAPNEFYDGDHDNDKESDVEI-

Accession Number NM_003883

Molecular Mass Approximately 50kDa.

Purity ≥90%, as determined by SDS-PAGE.

Biological Activity The HDAC3 protein plays a critical role in transcriptional regulation, cell cycle progression, cell growth and apoptosis. The recombinant HDAC3 protein can be used for the studies of transcription assays, protein-protein interactions and other related function assays.

Formulation 20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage The protein sample can be stored under sterile conditions at 2-8ºC for one month or at -20ºC to -70ºC for three months without detectable loss of activity. ***(Avoid repeated freeze-thaw cycle)***

FOR RESEARCH USE ONLY!!!