

Sirtuin-5 Human Recombinant

Item Number	rAP-4804
Synonyms	Sirtuin 5, NAD-Dependent Lysine Demalonylase And Desuccinylase Sirtuin-5, Mitochondria, NAD-Dependent Protein Deacylase Sirtuin-5 Mitochondrial, Silent Mating Type Information Regulation 2 (S. Cerevisiae)
Description	SIRT5 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain topological domain containing 300 amino acids (34-310 a.a) and having a molecular mass of 32.5kDa. SIRT5 is fused to a 23
Uniprot Accession Number	Q9NXA8
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSARPSSSM ADFRKFFAKA KHIVIISGAG VSAESGVPTF RGAGGY-WRKW QAQDLATPLA FAHNPSRVWE FYHYRREVMG SKEPNAGHRA IAECETRLGK QGRRVVITQ NIDEL-HRKAG TKNLLEIHGS LFKTRCTSCG VVAENYKSPI CPALSGKGAP EPGTQDASIP VEKLP RCEEA GCG-GLLRPHV
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Formulation and Purity	SIRT5 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 30% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**