

Sirtuin-6 Human Recombinant

Item Number	rAP-4806
Synonyms	Mono-ADP-ribosyltransferase sirtuin-6, SIR2-like protein 6, SIRT6, SIR2L6, Sirtuin-6.
Description	SIRT6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 375 amino acids (1-355 a.a.) and having a molecular mass of 41 kDa. Recombinant SIRT6 is fused to 20 amino acids His-tag at N-terminus and purified by conventional chromatography techniques.
Uniprot Accesion Number	Q8N6T7
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSVNYAAGLS PYADK GKCGL PEIFDPPEEL ERKVWELARL VWQSSVVFH TGAGISTASG IPDFRGPBGV WTMEERGLAP KFDITFESAR PTQTHMALVQ LER- VGLLRFL VSQNV DGLHV RSGFPRDKLA ELHG NMFVEE CAKCKTQYVR DTVVGT MGLK ATGRLCTVAK ARGLRACRGE LRDTILDWED SLPDRDLALA DEASRNADLS ITLGTSLQIR PSGNLPLATK RRGRLVIVN LQPTKHDRHA DLRIHGYVDE VMTRLMEHLG LEIPAWDGPR VLERALPPLP RPPTPKLEPK EESPTRINGS IPAGPKQEPC AQHNGSEPAS PKRERPTSPA PHRPPKRVKA KAVPS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The SIRT6 protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 & 10% glycerol. Greater than 95.0% 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**