

Ataxin-3 Human Recombinant

Item Number	rAP-4434
Synonyms	Ataxin-3, Machado-Joseph disease protein 1, Spinocerebellar ataxia type 3 protein, ATXN3, ATX3, MJD, MJD1, SCA3, AT3, JOS.
Description	ATXN3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 370 amino acids (1-370 a.a.) and having a molecular mass of 42.4kDa.ATXN3 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P54252
Amino Acid Sequence	MESIFHEKQE GSLCAQHCLN NLLQGEYFSP VELSSIAHQL DEEERMMAE GGVTSSEDYRT FLQQPSGNMD DSGFFSIQVI SNALKVWGLELILFNSPEYQ RLRIDPINER SFICNYKEHW FTVRKLKQKW FNLNSLLTGP ELISDTYLAL FLAQLQQEGY SIFVVKGDLP DCEADQLQM IRVQQMHRPK LIGEELAQLK EQRVHKTDLE RVLEANDGSG MLDEDEEDLQ RALALSRQEI DMEDEEADLR RAIQLSMQGS SRNISQDMTQ TSGTNLTSEE LRKRREAYFE KQQQKQQQQQ QQQQQQQQQQ QQQQGDLSGQ SSH- PCERPAT SSGALGSDLG DAMSEEDMLQ AAVTMSLETV RNDLKTEGKK.
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 ATXN3 protein solution contains 20mM Tris-HCl buffer (pH 7.5), 2mM DTT, 50mM NaCl and 10% 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**