

TOR1A, 21-332aa, Human, His tag, E.coli

Cat.NO.: TP04276

3th Edition

Synonyms:Torsin-1A, DQ2, DYT1

Description:TOR1A is a member of the AAA family of adenosine triphosphatases (ATPases), is related to the Clp protease/heat shock family and is expressed prominently in the substantia nigra pars compacta. Mutations in this gene result in the autosomal dominant disorder, torsion dystonia 1. Recombinant human TOR1A protein, His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:38 kDa (333aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMVEPISLGLALAGVLTGYIYPRLYCLFAECCGQKRSLREALQKDLDDNLFQGHLA
KKIILNAVFGFINNPKPKKPLTSLHGWTGTGKNFVSKIIAENIYEGGLNSDYVHLFVATLHFPHASNITLYKDQLQLWI
RGNVSACARSIFIDEMDKMHAGLIDAIKPFLDYDLVDGVSQKAMFIFLSNAGAERITDVALDFWRSGKQREDIKL
KDIEHALSVSVFNNKNSGFHWSSLIHRNLIDYFVPLPLEYKHLKMCIRVEMQSRGYEIDEDIVSRVAEEMTFFPKEE
RVFSDKGCKTVFTKLDYYYDD

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.