

# Human TOR1A Recombinant Protein



RPPB4985

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## Product Information    Protein Information

**Product SKU:**

RPPB4985

**Accession:**

O14656

**Host:**

E.coli.

**Protein description:**

TOR1A Human Recombinant produced in E. coli is a single polypeptide chain containing 333 amino acids (21-332) and having a molecular mass of 38kDa. TOR1A is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

DQ2, DYT1, Torsin-1A, Dystonia 1 protein, Torsin family 1 member A, TOR1A.

**Formulation:**

The TOR1A solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MVEPISLGLA LAGVLTGYIY PRLYCLFAEC CGQKRSLRSRE ALQKDLDDNL  
FGQHLAKKII LNAVFGFINN PKPKKPLTLS LHGWTGTGKN FVSKIAENI YEGGLNSDYV HLFVATLHFP  
HASNITLYKD QLQLWIRGNV SACARSIFIF DEMDKMHAGL IDAIKPFLDY YDLVDGVSQY KAMFIFLSNA  
GAERITDVAL DFWRSGKQRE DIKLDIEHA LSVSVFNNKN SGFWHSSLIH RNLIDYFVFP LPLEYKHLKM  
CIRVEMQSRG YEIDEDIVSR VAEEMTFFPK EERVFSKGC KTVFTKLDYY YDD.