



Rat TOR1A peptide (DAG-P1948)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TOR1A torsin family 1, member A (torsin A) [Homo sapiens (human)]
Official Symbol	TOR1A
Synonyms	TOR1A; torsin family 1, member A (torsin A); DQ2; DYT1; torsin-1A; torsin ATPase 1; dystonia 1 protein; torsin family 1 member A; dystonia 1, torsion (autosomal dominant; torsin A);
Entrez Gene ID	1861
mRNA Refseq	NM_000113.2
Protein Refseq	NP_000104.1
UniProt ID	B3KPA1
Chromosome Location	9q34

Pathway	Alpha-synuclein signaling, organism-specific biosystem;
Function	ATP binding; ATPase activity; cytoskeletal protein binding; kinesin binding; protein binding; unfolded protein binding;