

**TNRC6A Blocking Peptide (Center)**

Synthetic peptide

Catalog # BP21900c

**Specification**

---

**TNRC6A Blocking Peptide (Center) - Product Information**

Primary Accession

[Q8NDV7](#)**TNRC6A Blocking Peptide (Center) - Additional Information**

Gene ID 27327

**Other Names**

Trinucleotide repeat-containing gene 6A protein, CAG repeat protein 26, EMSY interactor protein, GW182 autoantigen, Protein GW1, Glycine-tryptophan protein of 182 kDa, TNRC6A, CAGH26, KIAA1460, TNRC6

**Target/Specificity**

The synthetic peptide sequence is selected from aa 875-885 of HUMAN TNRC6A

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TNRC6A Blocking Peptide (Center) - Protein Information**

Name TNRC6A

Synonyms CAGH26, KIAA1460, TNRC6

**Function**

Plays a role in RNA-mediated gene silencing by both micro- RNAs (miRNAs) and short interfering RNAs (siRNAs). Required for miRNA- dependent repression of translation and for siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. As a scaffolding protein, associates with argonaute proteins bound to partially complementary mRNAs, and can simultaneously recruit CCR4-NOT and PAN deadenylase complexes.

**Cellular Location**

Cytoplasm, P-body Note=Mammalian P-bodies are also known as GW bodies (GWBs)

**Tissue Location**

Ubiquitous.

## **TNRC6A Blocking Peptide (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **TNRC6A Blocking Peptide (Center) - Images**

## **TNRC6A Blocking Peptide (Center) - Background**

Plays a role in RNA-mediated gene silencing by both micro-RNAs (miRNAs) and short interfering RNAs (siRNAs). Required for miRNA-dependent repression of translation and for siRNA- dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. As scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes.

## **TNRC6A Blocking Peptide (Center) - References**

Eystathioy T.,et al.Mol. Biol. Cell 13:1338-1351(2002).  
Hughes-Davies L.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Martin J.,et al.Nature 432:988-994(2004).  
Margolis R.L.,et al.Hum. Genet. 100:114-122(1997).