

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

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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).