

C17orf71 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP5399a**Specification**

C17orf71 Blocking Peptide (N-term) - Product Information

Primary Accession [O8ND04](#)
Other Accession [A1A4J7](#), [NP_060619.4](#)

C17orf71 Blocking Peptide (N-term) - Additional Information

Gene ID 55181

Other Names

Protein SMG8, Amplified in breast cancer gene 2 protein, Protein smg-8 homolog, SMG8, ABC2, C17orf71

Target/Specificity

The synthetic peptide sequence is selected from aa 276-290 of HUMAN SMG8

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.

C17orf71 Blocking Peptide (N-term) - Protein Information

Name SMG8

Synonyms ABC2, C17orf71

Function

Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Is recruited by release factors to stalled ribosomes together with SMG1 and SMG9 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required to mediate the recruitment of SMG1 to the ribosome:SURF complex and to suppress SMG1 kinase activity until the ribosome:SURF complex locates the exon junction complex (EJC). Acts as a regulator of kinase activity.

C17orf71 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

C17orf71 Blocking Peptide (N-term) - Images

C17orf71 Blocking Peptide (N-term) - References

Yamashita, A., et al. Genes Dev. 23(9):1091-1105(2009)