10320 Camino Santa Fe, Suite G
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HMGA2 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21439b

Specification

HMGA2 Blocking Peptide (C-term) - Product Information

Primary Accession P52926

HMGA2 Blocking Peptide (C-term) - Additional Information

Gene ID 8091

Other Names
High mobility group protein HMGI-C, High mobility group AT-hook protein 2, HMGA2, HMGIC

Target/Specificity
The synthetic peptide sequence is selected from aa 84-98 of HUMAN HMGA2

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.

HMGA2 Blocking Peptide (C-term) - Protein Information

Name HMGA2

Synonyms HMGIC

Function
Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes. Plays a role in postnatal myogenesis, is involved in satellite cell activation (By similarity). Positively regulates IGF2 expression through PLAG1 and in a PLAG1-independent manner (PubMed:28796236).

Cellular Location
Nucleus.

HMGA2 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

HMGA2 Blocking Peptide (C-term) - Images

HMGA2 Blocking Peptide (C-term) - Background

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HMGA2 Blocking Peptide (C-term) - References

Patel U.A.,et al.Biochem. Biophys. Res. Commun. 201:63-70(1994).
Schoenmakers E.F.P.M.,et al.Nat. Genet. 10:436-444(1995).
Chau K.-Y.,et al.Nucleic Acids Res. 23:4262-4266(1995).
Ashar H.R.,et al.Genomics 31:207-214(1996).
Hauke S.,et al.Biochim. Biophys. Acta 1729:24-31(2005).