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TASP1 Blocking Peptide N-term

Synthetic peptide

Catalog # BP1330a

Specification

TASP1 Blocking Peptide N-term - Product Information

Primary Accession	Q9H6P5
Other Accession	Q8R1G1

TASP1 Blocking Peptide N-term - Additional Information

Gene ID 55617

Other Names
Threonine aspartase 1, Taspase-1, 3425-, Threonine aspartase subunit alpha, Threonine aspartase subunit beta, TASP1, C20orf13

Target/Specificity
The synthetic peptide sequence is selected from aa 47-64 of HUMAN TASP1

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.

TASP1 Blocking Peptide N-term - Protein Information

Name TASP1

Synonyms C20orf13

Function
Protease responsible for KMT2A/MLL1

TASP1 Blocking Peptide N-term - Background

This gene encodes an endopeptidase that cleaves specific substrates following aspartate residues. The encoded protein undergoes posttranslational autoproteolytic processing to generate alpha and beta subunits, which reassemble into the active alpha2-beta2 heterotetramer. It is required to cleave MLL, a protein required for the maintenance of HOX gene expression, and TFIIA, a basal transcription factor.

TASP1 Blocking Peptide N-term - References

Hsieh, J.J., et al., Cell 115(3):293-303 (2003).

processing and activation (PubMed:14636557). It also activates KMT2D/MLL2 (By similarity). Through substrate activation, it controls the expression of HOXA genes, and the expression of key cell cycle regulators including CCNA1, CCNB1, CCNE1 and CDKN2A (By similarity) (PubMed:14636557).

TASP1 Blocking Peptide N-term - Protocols

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

- Blocking Peptides