

Human AICDA peptide ab13718

1 图像

描述

产品名称	人AICDA多肽
纯度	> 90 % HPLC.
无动物成分	No
性质	Synthetic
种属	Human

技术指标

Our **Abpromise guarantee** covers the use of **ab13718** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Blocking - Blocking peptide for Anti-AICDA antibody - ChIP Grade (ab5197)
形式	Liquid
补充说明	<p>- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.</p> <p>- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.</p> <p>- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.</p> <p>- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.</p> <p>- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</p>

制备和贮存

稳定性和存储	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>Information available upon request.</p>
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常规信息

功能	RNA-editing deaminase involved in somatic hypermutation, gene conversion, and class-switch recombination. Required for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses.
组织特异性	Strongly expressed in lymph nodes and tonsils.
疾病相关	Defects in AICDA are the cause of hyper-IgM immunodeficiency syndrome type 2 (HIGM2) [MIM:605258]; also known as hyper-IgM syndrome 2. HIGM2 is an autosomal recessive disorder characterized by normal or elevated serum IgM levels with absence of IgG, IgA, and IgE, resulting in a profound susceptibility to bacterial infections. HIGM2 causes the absence of Ig class switch recombination (CSR), the lack of Ig somatic hypermutations, and lymph node hyperplasia caused by the presence of giant germinal centers.
序列相似性	Belongs to the cytidine and deoxycytidylate deaminase family.

图片

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Human AICDA peptide (ab13718)

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