

Product datasheet

Human LIM1 peptide ab104205

概述

产品名称 人LIM1多肽

描述

性质 Synthetic

氨基酸序列

种属 Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab104205** in the following tested applications.

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

纯度 70 - 90% by HPLC.

形式 Liquid

补充说明

- 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.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- 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.
- 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.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

常规信息

功能	Potential transcription factor. May play a role in early mesoderm formation and later in lateral mesoderm differentiation and neurogenesis.
组织特异性	Expressed in the brain, thymus, and tonsils. Expressed in samples from patients with chronic myeloid leukemia (CML) and in 58% of acute myeloid leukemia (AML) cell lines.
序列相似性	Contains 1 homeobox DNA-binding domain. Contains 2 LIM zinc-binding domains.
结构域	The LIM domains exert a negative regulatory function and disruption of the LIM domains produces an activated form. In addition, two activation domains and a negative regulatory domain exist C-terminally to the homeobox.
细胞定位	Nucleus.

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