

Product datasheet

Mouse Neuroligin 3 peptide ab34121

製品の概要

製品名 Mouse Neuroligin 3 peptide

製品の詳細

由来 Synthetic

特性

Our [Abpromise guarantee](#) covers the use of **ab34121** in the following tested applications.

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

アプリケーション Blocking

製品の状態 Liquid

備考

- 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.

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Information available upon request.

関連情報

機能 Cell surface protein involved in cell-cell-interactions via its interactions with neuroligin family members. Plays a role in synapse function and synaptic signal transmission, and may mediate

its effects by clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. May also play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system.

組織特異性

Expressed in the blood vessel walls (at protein level). Detected in throughout the brain and in spinal cord. Detected in brain, and at lower levels in pancreas islet beta cells.

関連疾患

Autism, X-linked 1 (AUTSX1) [MIM:300425]: A complex multifactorial, pervasive developmental disorder characterized by impairments in reciprocal social interaction and communication, restricted and stereotyped patterns of interests and activities, and the presence of developmental abnormalities by 3 years of age. Most individuals with autism also manifest moderate mental retardation. Note=Disease susceptibility is associated with variations affecting the gene represented in this entry.

X-linked Asperger syndrome 1 (ASPGX1) [MIM:300494]: Considered to be a form of childhood autism. Note=Disease susceptibility is associated with variations affecting the gene represented in this entry.

配列類似性

Belongs to the type-B carboxylesterase/lipase family.

細胞内局在

Cell membrane. Cell junction > synapse. Detected at both glutamatergic and GABAergic synapses.

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