

Product datasheet

Somatostatin Receptor 2 peptide ab218996

[1 Image](#)

Description

Product name	Somatostatin Receptor 2 peptide
Accession	<u>P30874</u>
Animal free	No
Nature	Synthetic

Specifications

Our **Abpromise guarantee** covers the use of **ab218996** in the following tested applications.

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

Form	Lyophilized
Additional notes	<p>Reconstitution instructions:</p> <ul style="list-style-type: none"> - 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.

Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Store at -20°C.</p> <p>Information available upon request.</p>
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General Info

Function	Receptor for somatostatins-14 and -28. This receptor is coupled via pertussis toxin sensitive G
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proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and PLC via pertussis toxin insensitive as well as sensitive G proteins. In RIN-5F cells, this receptor inhibits calcium entry by suppressing voltage dependent calcium-channels.

Tissue specificity

Cerebrum and kidney. In lesser amounts in jejunum, colon and liver.

Sequence similarities





Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

Images

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-  Reinforce the validity of your results with **protein controls**
-  Validate specific, reliable reagents with **blocking peptides**
-  Keep working on targets without specific antibodies with **fusion-tagged proteins**
-  Get consistent, reproducible results with premium **bioactive proteins**

Somatostatin Receptor 2 peptide (ab218996)

To learn more about our protein and peptide range click [here](#).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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