

### GFR alpha 3/GFRA3 peptide ab6100

#### 1 References

#### 製品の詳細

製品名	GFR alpha 3/GFRA3 peptide
Animal free	No
由来	Synthetic

#### 特性

Our **Abpromise guarantee** covers the use of **ab6100** 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

Members of the glial cell line-derived neurotrophic factor (GDNF) family including GDNF and neurturin (NTN) play essential roles in the control of vertebrate neuron survival and differentiation. A new member of the GDNF family was recently identified and designated persephin. Physiological responses to these neurotrophic factors require two receptor subunits, the novel glycosylphosphatidylinositol linked protein GFRa and Ret receptor tyrosine kinase GFRb. Following the discovery of GFRa-1 and -2, a novel receptor in GFRa family was identified recently in human and mouse and designated GFRa-3. GFRa-3 binds persephin, thus, persephin, GFRa-3, and Ret PTK form a complex to transduce persephin signal and to mediate persephin function.

This product was previously labelled as GFR alpha 3

#### 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. Store at -20°C long term. Avoid freeze / thaw cycle.

pH: 7.20

Preservative: 0.02% Sodium azide

Constituents: PBS, 0.1% BSA

#### 関連情報

機能

Receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). Mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase.

<b>組織特異性</b>	Widely expressed in adult and fetus which exhibit a similar pattern. Essentially not expressed in the central nervous system, but highly expressed in several sensory and sympathetic ganglia of the peripheral nervous system. Moderate expression in many non-neuronal tissues, particularly those of the digestive and urogenital systems, but high expression in stomach and appendix. Several types of glandular tissues show low expression. Very low or no expression detected in the hematopoietic system.
<b>配列類似性</b>	Belongs to the GDNFR family.
<b>翻訳後修飾</b>	N-glycosylated.
<b>細胞内局在</b>	Cell membrane.

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

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