

# Recombinant Human Prokineticin 2/PK2 protein ab50154

### 製品の詳細

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製品名	Recombinant Human Prokineticin 2/PK2 protein
精製度	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
エンドトキシン・レベル	< 0.100 Eu/µg
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	AVITGACDKD SQCGGGMCCA VSIWKSIRI CTPMGKLGDS CHPLTRKVPF FGRRMHHTC PCLPGLACLR TSFNRFICLA QK

### 特性

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Our **Abpromise guarantee** covers the use of **ab50154** 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	SDS-PAGE
製品の状態	Lyophilized
備考	This product was previously labelled as Prokineticin 2

### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
再構成	For lot specific reconstitution information please contact our Scientific Support Team.

### 関連情報

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機能	May function as an output molecule from the suprachiasmatic nucleus (SCN) that transmits
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behavioral circadian rhythm. May also function locally within the SCN to synchronize output. Potently contracts gastrointestinal (GI) smooth muscle.

**組織特異性**

Expressed in the testis and, at low levels, in the small intestine.

**関連疾患**

Defects in PROK2 are the cause of Kallmann syndrome type 4 (KAL4) [MIM:610628]; also known as hypogonadotropic hypogonadism and anosmia. Anosmia or hyposmia is related to the absence or hypoplasia of the olfactory bulbs and tracts. Hypogonadism is due to deficiency in gonadotropin-releasing hormone and probably results from a failure of embryonic migration of gonadotropin-releasing hormone-synthesizing neurons. KAL4 patients have variable degrees of olfactory and reproductive dysfunction, but do not show any of the occasional clinical anomalies reported in Kallmann syndrome such as renal agenesis, cleft lip/palate, selective tooth agenesis, and bimanual synkinesis.

**配列類似性**

Belongs to the AVIT (prokineticin) family.

**細胞内局在**

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
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