

Recombinant Human Prokineticin 2/PK2 protein ab50154

描述

产品名称	重组人Prokineticin 2/PK2蛋白
纯度	> 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).
内毒素水平	< 0.100 Eu/µg
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	AVITGACDKD SQCGGGMCCA VSIWKSIRI CTPMGKLGDS CHPLTRKVPF FGRRMHHTC PCLPGLACLR TSFNRFICLA QK

技术指标

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.

应用	SDS-PAGE
形式	Lyophilized
补充说明	This product was previously labelled as Prokineticin 2

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
复溶	For lot specific reconstitution information please contact our Scientific Support Team.

常规信息

功能	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.

组织特异性

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

疾病相关

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.

序列相似性

Belongs to the AVIT (prokineticin) family.

细胞定位

Secreted.

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

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