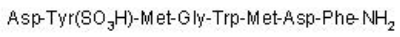
abcam

Product datasheet

CCK Octapeptide sulfated, C-terminal ocatapeptide of CCK ab120209

2 References 2 Images

Overview

Product name	CCK Octapeptide sulfated, C-terminal ocatapeptide of CCK
Description	C-terminal ocatapeptide of CCK
Biological description	Endogenous C-terminal octapeptide of CCK involved in the neurobiology of anxiety, depression, psychosis, cognition, nociception and feeding behavior.
Purity	> 97%
CAS Number	25126-32-3
Chemical structure	

Properties

Molecular weight	1143.27
Molecular formula	$C_{49}H_{62}N_{10}O_{16}S_3$
Sequence	DYMGWMDF (Modifications: C-terminal amide; Tyr-2 = Sulfonylation)
PubChem identifier	32800
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in 0.1% NH_4OH to 1mg/ml
Handling	This product is supplied in one (or more) pack size which is freeze dried. Therefore the contents may not be readily visible, as they can coat the bottom or walls of the vial. Please see our **FAQs** and **information page** for more details on handling. Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.
Source	Synthetic

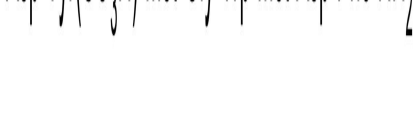
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab120209 in the following tested applications.

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

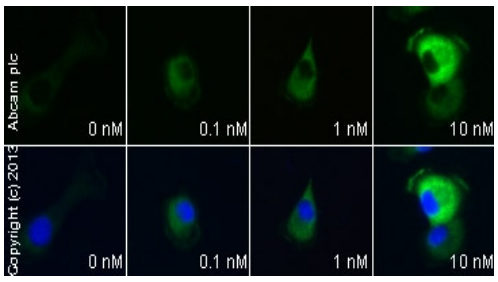
Application	Abreviews	Notes
Functional Studies		Use at an assay dependent concentration.

Images



Chemical Structure - CCK Octapeptide sulfated, C-terminal ocatapeptide of CCK (ab120209)

2D chemical structure image of ab120209, CCK Octapeptide sulfated, C-terminal ocatapeptide of CCK



Functional Studies - CCK Octapeptide sulfated, C-terminal ocatapeptide of CCK (ab120209)

ab40794 staining FAK in PANC-1 cells treated with CCK Octapeptide sulfated (ab120209), by ICC/IF. Increase of FAK expression correlates with increased concentration of CCK Octapeptide sulfated, as described in literature.
The cells were incubated at 37°C for 10 minutes in media containing different concentrations of ab120209 (CCK Octapeptide sulfated) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab40794** (1/200) dilution was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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