Datasheet for ABIN399635

N-Formyl-Met-Leu-Phe Peptide

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Overview

Quantity:	5 mg
Target:	N-Formyl-Met-Leu-Phe

Product Details

Purification:	The antibody is affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide is removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.
Purity:	> 95 %

Target Details

Target:	N-Formyl-Met-Leu-Phe
Target Type:	Peptide
Background:	N-formyl-methionyl-leucyl-phenylalanine (fMLP), the chemotactic bacterial peptide, was able to specifically attenuate Ca2+ mobilization in human phagocytes induced by SAA, but only at very high concentrations. The bacterial peptide N-formyl-methionyl-leucyl-phenylalanine (fMLF) is one of the first identified and highly potent leukocyte chemoattractants. fMLF interacts with at least two human cell receptors formyl peptide receptor (FPR) and its variant formyl peptide receptor-like 1 (FPRL1), both are members of the seven transmembrane domain, G protein-coupled receptor (GPCR) family.
CAS-No:	59880-97-6

Application Details

Restrictions:	For Research Use only

Handling

Storage:	-20 °C

Publications

Product cited in:

He, Lu, Song, Gong, Li: "Inhibition of microRNA-146a attenuated heart failure in myocardial infarction rats." in: **Bioscience reports**, Vol. 39, Issue 12, (2020) (PubMed).

Yao, Han, Guan, Guan, Wu, Chen, Li, Hei: "Neutrophil Elastase Inhibitors Suppress Oxidative Stress in Lung during Liver Transplantation." in: **Oxidative medicine and cellular longevity**, Vol. 2019, pp. 7323986, (2020) (PubMed).

Lian, Xu, Wang, Wang, Li, Yao, Ji, Wang, Guo, Li, Yang: "Possible mechanisms of prenatal cold stress induced-anxiety-like behavior depression in offspring rats." in: **Behavioural brain research**, Vol. 359, pp. 304-311, (2019) (PubMed).

Yu, Wei, Weiss, Felder: "Angiotensin II Type 1a Receptors in the Subfornical Organ Modulate Neuroinflammation in the Hypothalamic Paraventricular Nucleus in Heart Failure Rats." in: **Neuroscience**, Vol. 381, pp. 46-58, (2019) (PubMed).

Peng, Xue, Zhou, Zhang, Wang, Liu, Sang, Wang, Tan: "Repetitive transcranial magnetic stimulation inhibits Sirt1/MAO-A signaling in the prefrontal cortex in a rat model of depression and cortex-derived astrocytes." in: **Molecular and cellular biochemistry**, Vol. 442, Issue 1-2, pp. 59-72, (2018) (PubMed).

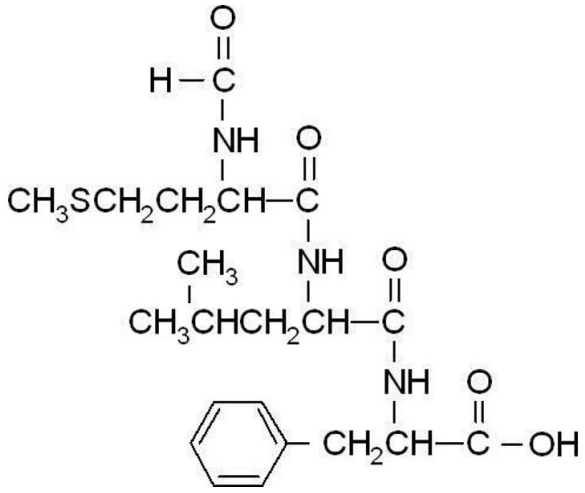

Image 1.