

AR09057PU-L**Recombinant human Metastasis-suppressor KiSS-1 (aa 1-120)****Alternate names:**

KiSS1, Metastasis-suppressor KiSS-1, PP5098

Quantity:

0.5 mg

Concentration:

1.0 mg/ml

Background:

KiSS-1 metastasis-suppressor (KiSS1) is a metastasis suppressor gene that suppresses metastases of melanomas and breast carcinomas without affecting tumorigenicity. The metastasis suppressor properties may be mediated in part by cell cycle arrest and induction of apoptosis in malignant cells. Expression of KiSS1 has been localized to specific regions of the hypothalamus in many species and is regulated by gonadal steroids and across the estrous cycle.

Uniprot ID:[Q15726](#)**NCBI:**[NP_002247.3](#)**GeneID:**[3814](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS-PAGE**Buffer System:** 20 mM Tris pH 8.0, 1 mM DTT, 10% glycerol**Description:**

Recombinant KiSS1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:MEPLEKVASV GNSRPTGQQL ESLGLLAPGE QSLPCTERKP AATARLSRRG TSLSPPPSS
GSPQQPGLSA PHSRQIPAPQ GAVLVQREKD LPNYNWNNSFG LRFKREAAAP GNHGRSAGRG**Molecular weight:** 12.6 kDa (120 aa)**Add. Information:**

(Real molecular weight on SDS-PAGE will be shift up)

Storage:

Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.

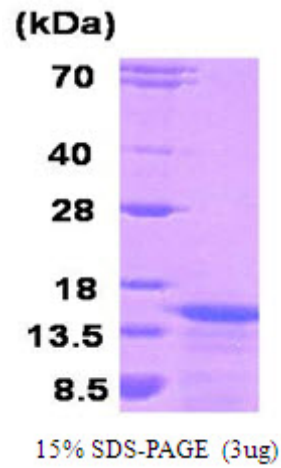
Shelf life: one year from despatch.

General Readings:

Harms JF., et al. (2003).Clin Exp Metastasis. 20;1(1):11-8.

Smith JT., et al. (2007).Rev Endocr Metab Disord. 8;(1):1-9.

Pictures:



KISS1: 15% SDS-PAGE (3 μg)

