

## **Product datasheet for LY300013**

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## **AAMP Human Knockdown Lysate**

**Product data:** 

**Product Type:** Knockdown Lysates

**Description:** WB-validated AAMP Knockdown HeLa Cell Lysate

Species: Human Expression Host: HeLa

Tag: Tag Free

Synonyms: AAMP; Angio Associated Migratory Cell Protein; Angio-Associated Migratory Cell Protein

Predicted MW: 47 kDa

**Components:** 1 vial of 100 ug WT HeLa cell lysate

1 vial of 100 ug AAMP KD HeLa cell lysate

Storage: Store at -20 °C for two years.

**Concentration:** Lot-specific

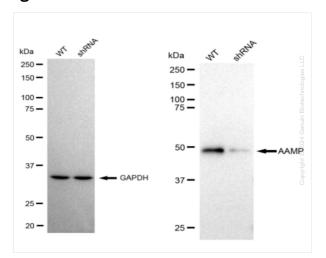
**Buffer:** IntactProtein Cell-Tissue Lysis buffer

Locus ID: 14

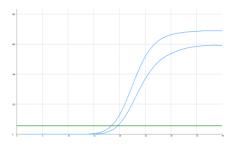
UniProt ID: Q13685



## **Product images:**



Western blotting analysis. AAMP protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. GAPDH served as a loading control. The blots were incubated with primary antibodies against AAMP and GAPDH, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.



Genotype	Ct Value
Wild-Type	18.21
Knock-Down	19.18
$\Delta Ct (Ct_{KD}-Ct_{WT})$	0.97
% mRNA Reduction	<b>↓</b> 49%

RT-qPCR analysis. HeLa cells were infected with AAMP-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers.  $\Delta$ Ct (CtKD-CtWT) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula:  $(1-1/2\Delta$ Ct) x 100%.