

Active Adenine Phosphoribosyltransferase (APRT) Instruction Manual

SBPC220Hu01

Homo sapiens (Human)

Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.8
Applications	Cell culture; Activity Assays.

ACTIVITY TEST

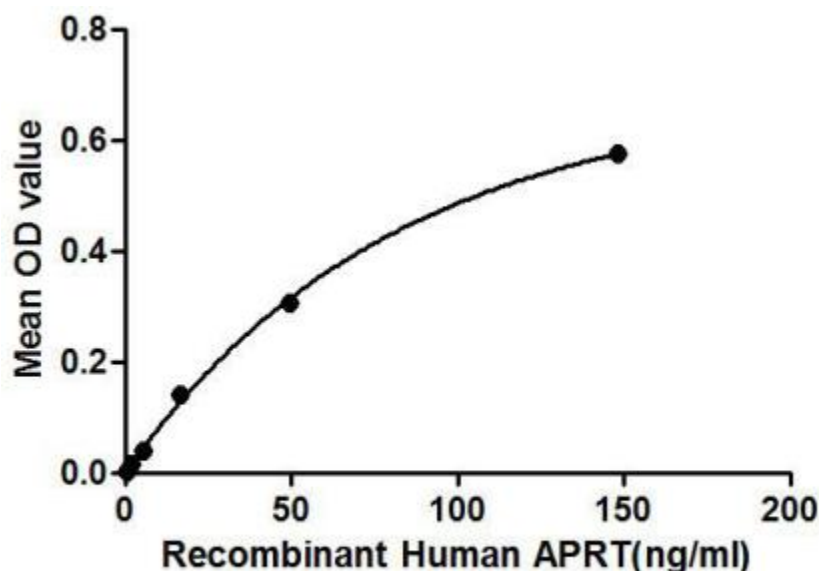


Figure 1. The binding activity of APRT with VCAM1.

Adenine Phosphoribosyltransferase (APRT) is an enzyme involved in the purine nucleotide salvage pathway. It functions as a catalyst in the reaction between adenine and phosphoribosyl pyrophosphate (PRPP) to form AMP. Besides, Vascular Cell Adhesion Molecule 1 (VCAM1) has been identified as an interactor of APRT, thus a binding ELISA assay was conducted to detect the interaction of recombinant human APRT and recombinant human VCAM1. Briefly, APRT were diluted serially in PBS, with 0.01%

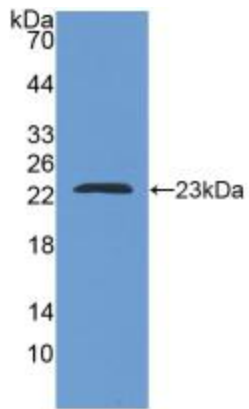


Figure. Western Blot; Sample: Recombinant APRT, Human.

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.