

# ACTN4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03267-2**

## Capture Antibody Information

**Catalog Number:**  
87922-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
260022C11  
**Reactivity:**  
human  
**GenBank:**  
BC005033  
**Immunogen Catalog Number:**  
Ag13546

**Conjugate:**  
Unconjugated  
**Full name:**  
actinin, alpha 4  
**Gene ID:**  
81

## Detection Antibody Information

**Catalog Number:**  
87922-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
260022B11  
**Reactivity:**  
human  
**GenBank:**  
BC005033  
**Immunogen Catalog Number:**  
Ag13546

**Conjugate:**  
Unconjugated  
**Full name:**  
actinin, alpha 4  
**Gene ID:**  
81

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.313-10 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP03267-2 targets ACTN4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ACTN4 Recombinant monoclonal antibody, PBS Only (Capture) 87922-5-PBS (260022C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: ACTN4 Recombinant monoclonal antibody, PBS Only (Detector) 87922-4-PBS (260022B11). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

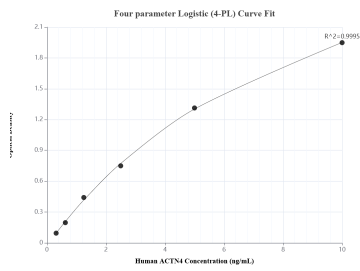
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

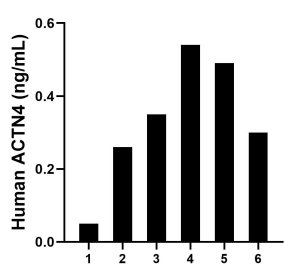
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

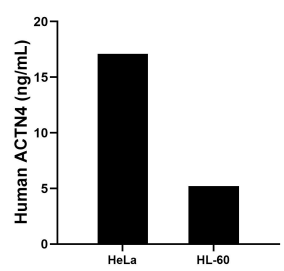
## Selected Validation Data



Sandwich ELISA standard curve of MP03267-2, Human ACTN4 Recombinant Matched Antibody Pair - PBS only. 87922-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag13546. 87922-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL



Plasma of six individual healthy human donors was measured. The human ACTN4 concentration of detected samples was determined to be 0.33 ng/mL with a range of 0.05 - 0.54 ng/mL



The mean ACTN4 concentration was determined to be 17.10 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 5.20 ng/mL in HL-60 cell extract based on a 1.5 mg/mL extract load.