

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

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.

Storage buffer:

PBS only

For technical support and original validation data for this product please contact:

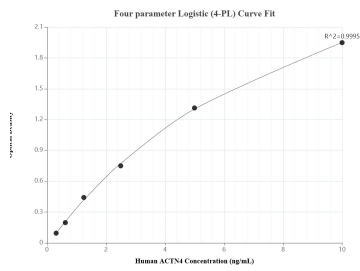
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

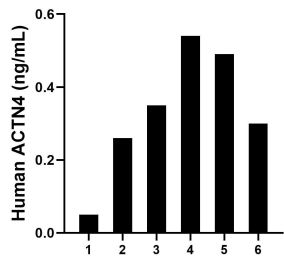
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

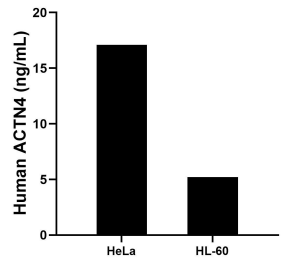
Selected Validation Data



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.