

# SCF Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01028-4**

## Capture Antibody Information

**Catalog Number:**  
84118-9-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250446B8  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
HZ-1024

**Conjugate:**  
Unconjugated  
**Full name:**  
KIT ligand  
**Gene ID:**  
4254

## Detection Antibody Information

**Catalog Number:**  
84118-8-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250446B11  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
HZ-1024

**Conjugate:**  
Unconjugated  
**Full name:**  
KIT ligand  
**Gene ID:**  
4254

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.156-10 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

MP01028-4 targets SCF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SCF Recombinant monoclonal antibody, PBS Only (Capture) 84118-9-PBS (250446B8). 100 µg. Concentration 1 mg/mL.

Detection antibody: SCF Recombinant monoclonal antibody, PBS Only (Detector) 84118-8-PBS (250446B11). 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.

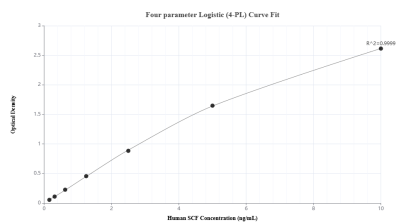
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

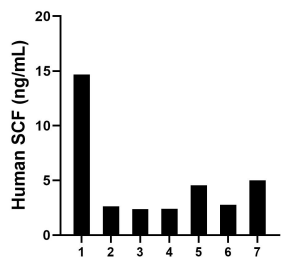
## Storage

**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 MP01028-4, Human SCF Recombinant Matched Antibody Pair - PBS only. 84118-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1024. 84118-8-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Plasma of seven individual healthy human donors was measured. The human SCF concentration of detected samples was determined to be 4.91 ng/mL with a range of 2.40 - 14.68 ng/mL.