

For Research Use Only

# FUT4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01607-2

## Capture Antibody Information

**Catalog Number:**  
84825-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241888G12  
**Reactivity:**  
human  
**GenBank:**  
BC136374

**Conjugate:**  
Unconjugated  
**Full name:**  
fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)  
**Gene ID:**  
2526

## Detection Antibody Information

**Catalog Number:**  
84825-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241888F11  
**Reactivity:**  
human  
**GenBank:**  
BC136374

**Conjugate:**  
Unconjugated  
**Full name:**  
fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)  
**Gene ID:**  
2526

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.313-40 ng/mL (Cytometric Bead Array)  
78.1-5000 pg/mL (Sandwich ELISA)

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

## Product Information

MP01607-2 targets FUT4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: FUT4 Recombinant antibody, PBS Only (Capture) 84825-3-PBS (241888G12). 100 µg. Concentration 1 mg/ml.

Detection antibody: FUT4 Recombinant antibody, PBS Only (Detector) 84825-2-PBS (241888F11). 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

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

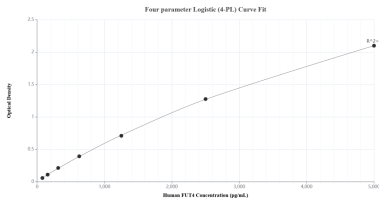
T: 4006900926

E: Proteintech-CN@ptglab.com

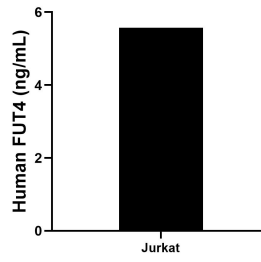
W: ptgcn.com

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

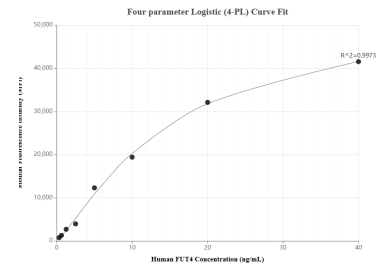
## Selected Validation Data



Sandwich ELISA standard curve of MP01607-2, Human FUT4 Recombinant Matched Antibody Pair - PBS only. 84825-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2194. 84825-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean FUT4 concentration was determined to be 5.6 ng/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01607-2, FUT4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84825-3-PBS. Detection antibody: 84825-2-PBS. Standard: Eg2194. Range: 0.313-40 ng/mL.