

## Product datasheet for **TP721276M**

### MS4A1 Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | APC Conjugated Human CD20 Protein (TrxA tag)  |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | Ile141-Ser188   |
| Tag:                                  | TrxA  |
| Predicted MW:                         | The protein has a predicted molecular weight of 24 kDa and migrates at approximately 30 kDa on SDS-PAGE with DTT-reduced conditions before APC conjugation.   |
| Concentration:                        | 25µg size is bottled at 0.1mg/mL concentration. 100 µg size is bottled at lot specific concentration.   |
| Purity:                               | >90%  |
| Conjugation:                          | APC   |
| Buffer:                               | 1xPBS buffer, pH7.4, 0.09% NaN3 with a carrier protein  |
| Bioactivity:                          | Positive  |
|                                       | The definition of the active protein (purified and biotinylated) is defined as the protein that can bind to its biological receptor/ligand. For conjugated protein, it is defined with its function to bind to the ScFv of the active CAR-transfected cells in flow cytometry test. |
| Preparation:                          | Affinity Ni-NTA   |
| Applications:                         | FACS  |
| Storage:                              | An unopened vial can be stored at 4°C for 2 weeks or at -20°C and below for six months. This stock solution should be aliquoted and stored at ≤ -70°C to minimize the freeze/thaw cycles.   |
| Stability:                            | 6 Months  |
| RefSeq:                               | <a href="#">NP_068769.2</a>   |
| Locus ID:                             | 931   |
| UniProt ID:                           | <a href="#">P11836</a>  |



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