

## Product datasheet for **TP721330M**

### L1CAM Human Recombinant Protein

#### Product data:

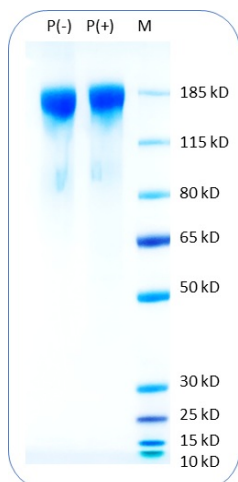
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Human CD171/L1CAM Protein (C-His-Avi)  |
| Species:                              | Human  |
| Expression Host:                      | CHO  |
| Expression cDNA Clone or AA Sequence: | Ile20-Glu1120  |
| Tag:                                  | C-His-Avi  |
| Predicted MW:                         | The protein has a predicted molecular weight of 127 kDa and migrates at approximately 160-180 kDa on SDS-PAGE with DTT-reduced conditions. |
| Concentration:                        | 25µg size is bottled at 0.2mg/mL concentration. 100 µg size is bottled at lot specific concentration.                                      |
| Purity:                               | >90%   |
| Buffer:                               | 1xPBS buffer, pH7.4  |
| 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: | ELISA   |
| 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_000416.1</a>   |
| Locus ID:     | 3897  |
| UniProt ID:   | <a href="#">P32004</a>  |



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**Product images:**

Human CD171 Protein (C-His-Avi) on SDS-PAGE under reducing condition P(+) and non-reducing condition P(-). The purity of this protein appears to be greater than 90% based on Coomassie-blue staining.