

# Angiopep PDC is a Best-in-Class Drug Delivery Mechanism

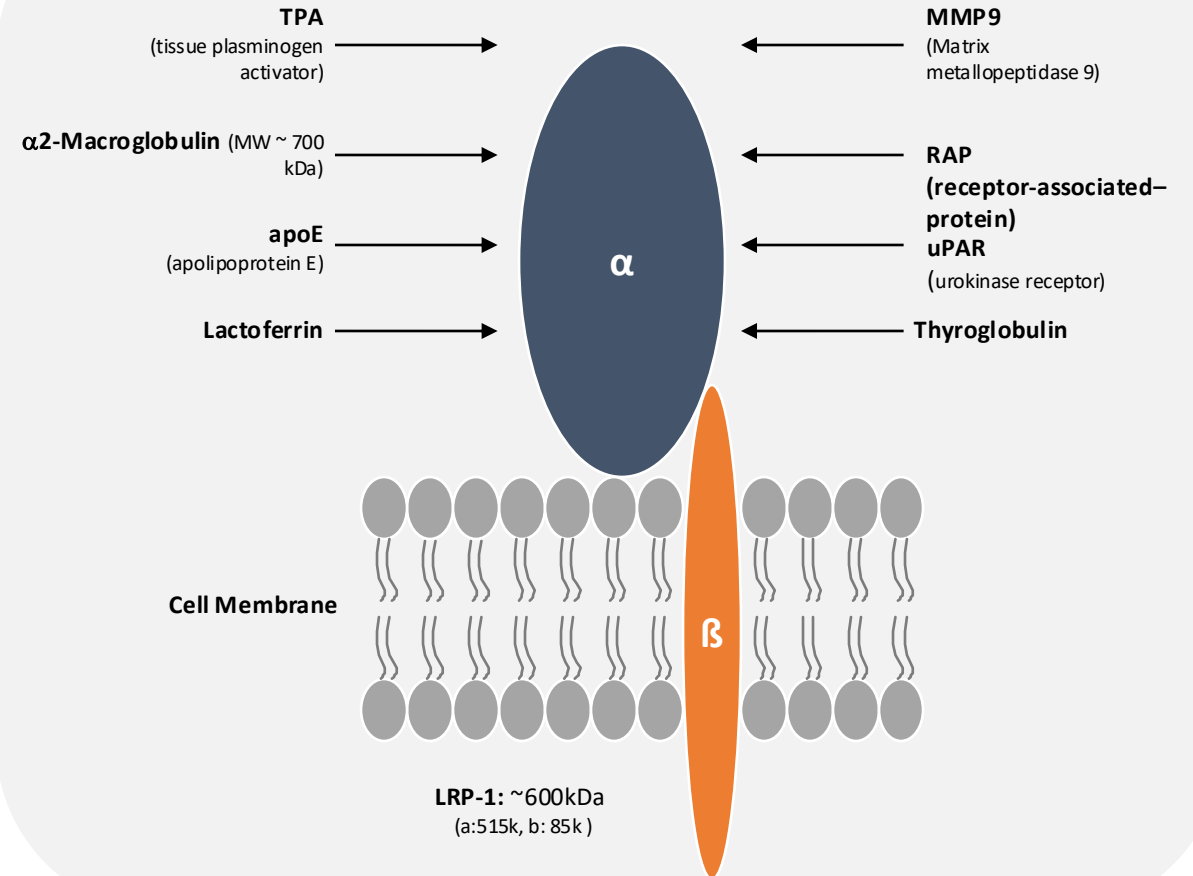
## • LRP-1 mediates passage across endothelial and peripheral tissues

- LRP-1 is one of the most highly expressed receptors on the BBB and peripheral tissues

- Angiopep peptides transports small and large molecules (>40 known ligands) across LRP-1 expressing tissues
- Preclinical proof-of-concept suggest uptake across the BBB at a rate 86-fold higher than naked paclitaxel<sup>1</sup>
- Transcytosis is a targeted, safe approach that doesn't cause any intracellular damage

- B3 Pharma has developed a novel class of peptide molecules (n= 91) that targets the LRP-1 receptor (Low-Density Lipoprotein-Related Protein)

### Known Ligands Transported by the LRP-1 Receptor



• Source: 1.Thomas, F. C., Taskar, K., Rudraraju, V., Goda, S., Thorsheim, H. R., Gaasch, J. A., ... & Smith, Q. R. (2009). Uptake of ANG1005, a novel paclitaxel derivative, through the blood-brain barrier into brain and experimental brain metastases of breast cancer. *Pharmaceutical research*, 26(11), 2486-2494.