

**PRODUCT INFORMATION**

<b>Target</b>	LRP10
<b>Synonyms</b>	LRP-10;LRP9;MST087;MSTP087
<b>Description</b>	Recombinant Human LRP10 Protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q7Z4F1
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	LRP10(His17-Lys440) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 46.9 kDa after removal of the signal peptide. The apparent molecular mass of LRP10-His is approximately 55-70 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	This gene encodes a low density lipoprotein receptor family protein. A similar protein in mouse is thought to play a role in the uptake of apolipoprotein E-containing lipoproteins. [provided by RefSeq, Jul 2016]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



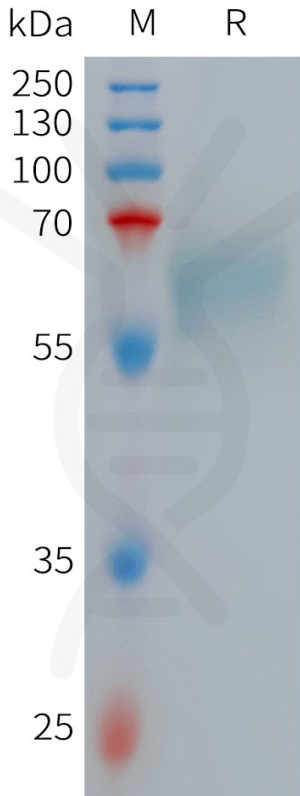


Figure 1. Human LRP10 Protein, His Tag on SDS-PAGE under reducing condition.

### Human LRP10, His Tagged Protein ELISA

0.2  $\mu\text{g}$  of Human LRP10, His tagged protein per well

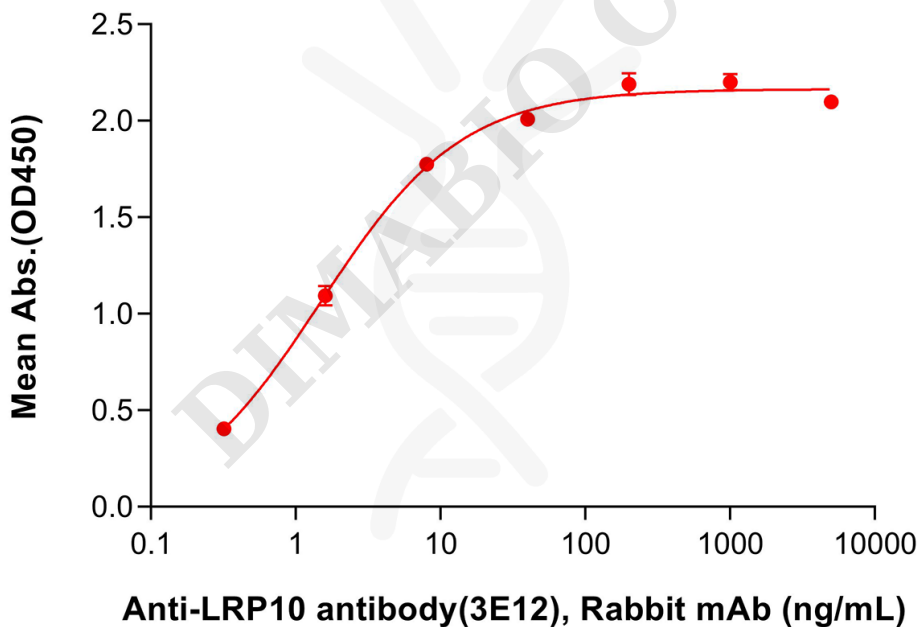


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human LRP10 Protein, His Tag (PME101264) can bind Anti-LRP10 antibody(3E12), Rabbit mAb (DME101289) in a linear range of 0.32-1.6 ng/mL.

