

LRP-10 Protein, Human (HEK293, Fc)

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| Cat. No.: | HY-P76475 |
| Synonyms: | Low-density lipoprotein receptor-related protein 10; LRP-10; MSTP087; SP220 |
| Species: | Human |
| Source: | HEK293 |
| Accession: | Q7Z4F1 (M1-K440) |
| Gene ID: | 26020 |
| Molecular Weight: | 80-90 kDa. |

PROPERTIES

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| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Endotoxin Level | <1 EU/ μ g, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | The LRP-10 protein emerges as a probable receptor with potential involvement in the internalization of lipophilic molecules and/or signal transduction. This receptor is speculated to play a role in the uptake of lipoprotein APOE in the liver, suggesting a function in lipid metabolism and cellular processes related to lipoprotein transport. The precise mechanisms and signaling pathways associated with LRP-10 in mediating the internalization of lipophilic molecules warrant further investigation to comprehensively understand its role in cellular uptake and potential contributions to lipid homeostasis. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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