



Certificate of Analysis

LRP-6 Protein, Human (HEK293, mFc)

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|-------------------|-------------------|
| Cat. No.: | HY-P77990 |
| Batch No.: | 410979 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | C-mFc |
| Accession: | 075581 (A20-P630) |
| Gene ID: | 4040 |
| Molecular Weight: | 100-120 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|--|-------------|
| Purity | Greater than 90% as determined by Tris-Bis PAGE. | ≥90.0% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Immobilized Biotinylated Human SOST, His Tag at 5 μg/mL (100μl/well) on the streptavidin precoated plate (5 μg/mL). Dose response curve for Human LRP-6, mFc Tag with the EC ₅₀ of ≤0.17 μg/mL determined by ELISA. | 101.3 ng/mL |
| Appearance | Lyophilized powder | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). | |
| 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. | |

Caution: Product has not been fully validated for medical applications. For research use only.

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