Recombinant Human LRRC15/LIB Protein

Catalog No.: RP02705

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Sequence Information

Species
Human

Gene ID
131578

Swiss Prot
Q8TF66-1

Tags
C-His&Avi

Synonyms
LIB; LRRC15

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
60.7 kDa

Observed MW
70-80 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The chimeric protein binds in vitro and in vivo to a specific element upstream of LRRC15, leading to dramatic transcriptional activation.? LRRC15 encodes a leucine-rich transmembrane protein, present at the leading edge of migrating cells, the expression of which in normal tissues is restricted to the invasive cytotrophoblast layer of the placenta; small interfering (siRNA)-mediated suppression of LRRC15 expression in breast cancer cells leads to abrogation of invasiveness in vitro.

Basic Information

Description
Recombinant Human LRRC15/LIB Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal.; It contains Tyr22-Gly538.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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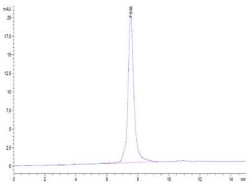
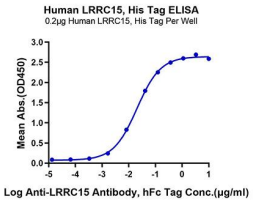
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

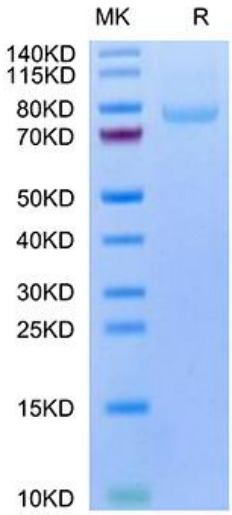
Validation Data



The purity of Human LRRC15 is greater than 95% as determined by SEC-HPLC.



Immobilized Human LRRC15, His Tag at 2μg/ml (100μl/Well) on the plate. Dose response curve for Anti-LRRC15 Antibody, hFc Tag with the EC_{50} of 20.4ng/ml determined by ELISA.



Recombinant Human LRRC15/LIB Protein was determined by Tris-Bis PAGE under reducing conditions.