

LRG1 Protein, Human (HEK293, His)

Cat. No.:	HY-P70166
Synonyms:	rHuLeucine-rich alpha-2-glycoprotein/LRG1, His; Leucine-rich alpha-2-glycoprotein; HMFT1766; LRG; LRG1
Species:	Human
Source:	HEK293
Accession:	AAH34389.1 (V36-Q347)
Gene ID:	116844
Molecular Weight:	Approximately 40-60 kDa due to the glycosylation.

PROPERTIES

AA Sequence	<pre> V T L S P K D C Q V F R S D H G S S I S C Q P P A E I P G Y L P A D T V H L A V E F F N L T H L P A N L L Q G A S K L Q E L H L S S N G L E S L S P E F L R P V P Q L R V L D L T R N A L T G L P P G L F Q A S A T L D T L V L K E N Q L E V L E V S W L H G L K A L G H L D L S G N R L R K L P P G L L A N F T L L R T L D L G E N Q L E T L P P D L L R G P L Q L E R L H L E G N K L Q V L G K D L L L P Q P D L R Y L F L N G N K L A R V A A G A F Q G L R Q L D M L D L S N N S L A S V P E G L W A S L G Q P N W D M R D G F D I S G N P W I C D Q N L S D L Y R W L Q A Q K D K M F S Q N D T R C A G P E A V K G Q T L L A V A K S Q </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human Cytochrome c, at 1 µg/mL (100 µL/well) can bind Biotinylated Human LRG1 protein. The ED ₅₀ for this effect is 14.13-75.59 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 20 mM NaCl, pH 7.5 or PBS, pH 7.4, 5% trehalose.
Endotoxin Level	<1 EU/µg, determined by LAL method.
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA