

LRRC15 Protein, Canine (HEK293, His)

Cat. No.:	HY-P701020
Synonyms:	LIB; LRRC15
Species:	Canine
Source:	HEK293
Accession:	XP_005639692.2 (Y47-G565)
Gene ID:	488041
Molecular Weight:	70-80 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant 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

Background	The LRRC15 protein modulates the infectivity of SARS-CoV-2 by interacting with its spike protein. It does not function as an entry receptor for SARS-CoV-2, but instead, when expressed on nearby cells, it sequesters virions and inhibits SARS-CoV-2 infection of ACE2(+) cells in a trans manner. Furthermore, LRRC15 protein directly interacts with the RBD domain of the human coronavirus SARS-CoV-2 spike protein, leading to virion sequestration at the cell surface.
------------	---

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