

LDLRAD3 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77057
Synonyms:	Low-density lipoprotein receptor class A domain-containing protein 3; LRAD3
Species:	Human
Source:	HEK293
Accession:	Q86YD5-1/NP_777562.1 (Q18-T173)
Gene ID:	143458
Molecular Weight:	Approximately 43.8 kDa.

PROPERTIES

Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	The LDLRAD3 protein appears to have a significant impact on amyloid precursor protein (APP) processing, potentially leading to decreased production of soluble APP-alpha (sAPP-alpha) and an increase in the generation of the amyloidogenic P3 peptide. Furthermore, it is suggested to play a regulatory role in the activity and degradation of ITCH and NEDD4 E3 ligases, as indicated by studies. In the context of microbial infection, LDLRAD3 acts as a receptor for the Venezuelan equine encephalitis virus. These findings underscore the multifunctional nature of LDLRAD3, implicating it in key cellular processes related to protein processing, immune response, and viral interactions.
------------	--

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