

LRP-10 Protein, Human (HEK293, His)

Cat. No.:	HY-P76476
Synonyms:	Low-density lipoprotein receptor-related protein 10; LRP-10; MSTP087; SP220
Species:	Human
Source:	HEK293
Accession:	Q7Z4F1 (H17-K440)
Gene ID:	26020
Molecular Weight:	Approximately 55 kDa

PROPERTIES

AA Sequence

HPDRILIFPNH	ACEDPPAVLL	EVQGT LQRPL	VRDSRTSPAN
CTWLI LGSKE	QTVTIRFQKL	HLACG SERLT	LR SPLQPLIS
LCEAPP SPLQ	LPGGNV TITY	SYAGARAPMG	QGFLLSYSQD
WLMCLQEEFQ	CLNHRCV SAV	QRCDGVDACG	DGSDEAGCSS
DPFPGLTPRP	VPSLPCNVT L	EDFYGVFSSP	GYTHLASVSH
PQSCHWLLDP	HDGRRLAVRF	TALDLGFGDA	VHVYDGGPP
ESSRLLRSLT	HFSNGKAVTV	ETLSGQAVVS	YHTVAWSNGR
GFNATYHVRG	YCLPWDRPCG	LGSGLGAGEG	LGERCYSEAQ
RCDGSWDCAD	GTDEEDCPGC	PPGHFPCGAA	GTSGATACYL
PADRCNYQTF	CADGADERRC	RHCQPGNFRC	RDEKCVYETW
VCDGQPDCAD	GSDEWDCSYV	LPRK	

Appearance Lyophilized powder

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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 ddH₂O. 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.

DESCRIPTION

Background The LRP-10 protein emerges as a probable receptor with potential involvement in the internalization of lipophilic molecules

and/or signal transduction. This receptor is speculated to play a role in the uptake of lipoprotein APOE in the liver, suggesting a function in lipid metabolism and cellular processes related to lipoprotein transport. The precise mechanisms and signaling pathways associated with LRP-10 in mediating the internalization of lipophilic molecules warrant further investigation to comprehensively understand its role in cellular uptake and potential contributions to lipid homeostasis.

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