

MPZL3 Protein, Human (HEK293, His)

Cat. No.:	HY-P73804
Synonyms:	Myelin protein zero-like protein 3; MPZL3
Species:	Human
Source:	HEK293
Accession:	Q6UWV2-1 (L32-S158)
Gene ID:	196264
Molecular Weight:	Approximately 15-19 kDa

PROPERTIES

AA Sequence	<p> L E I R A D A H V R G Y V G E K I K L K C T F K S T S D V T D K L T I D W T Y R P P S S S H T V S I F H Y Q S F Q Y P T T A G T F R D R I S W V G N V Y K G D A S I S I S N P T I K D N G T F S C A V K N P P D V H H N I P M T E L T V T E R G F G T M L S S </p>
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 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.

DESCRIPTION

Background	<p>MPZL3 Protein serves as a crucial mediator of homophilic cell-cell adhesion, facilitating essential interactions between cells. In its role, MPZL3 contributes to the establishment of connections that are integral to cellular cohesion. The protein's function underscores its significance in the processes involving adhesion, emphasizing its role in maintaining the structural integrity and communication between neighboring cells. The homophilic nature of MPZL3-mediated cell adhesion highlights its specificity in fostering interactions between identical molecules, elucidating its pivotal role in various biological contexts where cellular adhesion is fundamental.</p>
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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