

Product datasheet for AR51049PU-S

MPZL1 (38-162, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

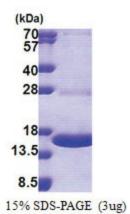
| Product Type: | Recombinant Proteins |
|--|--|
| Description: | MPZL1 (38-162, His-tag) human protein, 50 μg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSLEVYTPK EIFVANGTQG KLTCKFKSTS TTGGLTSVSW SFQPEGADTT VSFFHYSQGQ VYLGNYPPFK DRISWAGDLD KKDASINIEN MQFIHNGTYI CDVKNPPDIV VQPGHIRLYV VEKENLPV |
| Tag: | His-tag |
| Predicted MW: | 16.1 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT |
| Preparation: | Liquid purified protein |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_001139663</u> |
| Locus ID: | 9019 |
| UniProt ID: | <u>095297</u> |
| Cytogenetics: | 1q24.2 |
| Synonyms: | PZR, UNQ849/PRO1787, Myelin protein zero-like protein 1, Protein zero-related |
| | |



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

| | MPZL1 (38-162, His-tag) Human Protein – AR51049PU-S |
|-------------------|---|
| Summary: | Cell surface receptor, which is involved in signal transduction processes. Recruits PTPN11/SHP-2 to the cell membrane and is a putative substrate of PTPN11/SHP-2. Is a major receptor for concanavalin-A (ConA) and is involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases. Isoform 3 seems to have a dominant negative role; it blocks tyrosine phosphorylation of MPZL1 induced by ConA. Isoform 1, but not isoform 2 and isoform 3, may be involved in regulation of integrin- mediated cell motility.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways | Cell adhesion molecules (CAMs) |
| | |

Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US