9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# LETMD1 Human

*LETM1 Domain Containing 1 Human Recombinant*
*RCP1238*

## Product Overview

| | |
|---|---|
| Name | LETMD1 Human |
| **Description** | |
| LETM1 Domain Containing 1 Human Recombinant | |
| Accession (Primary) | Q6P1Q0 |
| **Synonyms** | |
| HCCR1, HCCR-1. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Filtered White lyophilized (freeze-dried) powder. | |
| **Formulation** | |
| Each mg was lyophilized with 1xPBS, 0.4% SDS and 4mM DTT. | |
| **Stability** | |
| Store lyophilized LETMD1 at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. | |
| **Purity** | |
| Greater than 90% as determined by SDS-PAGE. | |
| **Solubility** | |
| It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture. | |
| **Background** | |
| Leucine Rich Transmembrane Protein Domain 1 also known as LETMD1 is a protein encoded by the LETMD1 gene in humans. LETMD1 is a membrane-associated protein which takes part in maintaining cellular homeostasis and is involved in specific pathways related to metabolic regulation. LETMD1 participates in various cellular processes, including apoptosis, regulation of cell growth and differentiation and protein trafficking. LETMD1 regulates mitochondrial function and energy metabolism and also interacts with various mitochondrial proteins. | |

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**Precautions**

LETMD1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

# Target Information: ( Q6P1Q0 )

## Background

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