

Recombinant Human CADM-140/MDA5 Protein

Summary

Catalog No.	AID00101
Alternative Names	MDA-5, IFIH1, Helicard, Clinically amyopathic dermatomyositis autoantigen 140 kDa, Interferon-induced with helicase C domain protein 1, Helicase with 2 CARD domains, RNA helicase-DEAD box protein 116, RIG-I-like receptor 2, Interferon-induced helicase C domain-containing protein 1, MDA5, Murabutide down-regulated protein, Melanoma differentiation-associated protein 5, CADM-140 autoantigen, RH116, RLR-2
Form	Liquid
Storage buffer	20mM Tris-HCl, pH 8.0, 100mM NaCl, 1mM DTT, 10% Glycerol.
Concentration	0.7 mg/ml
Purity	>95% as determined by SDS-PAGE.
Applications	As a diagnostic tool for Clinically Amyopathic Dermatomyositis (CADM).
Endotoxin level	Please contact with the lab for this information.
Expression system	Confidential
Accession	Q9BYX4
Protein length	Confidential
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
Species	Homo sapiens (Human)

Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

Note

For research use only.

Description

MDA5 / IFIH1 is the CADM-140 autoantigen, involved in clinically amyopathic dermatomyositis (CADM). This is a chronic inflammatory disorder that shows typical skin manifestations of dermatomyositis but has no or little evidence of clinical myositis. Anti-CADM-140 antibodies appear to be specific to dermatomyositis, especially CADM. Patients with anti-CADM-140 antibodies frequently develop life-threatening acute progressive interstitial lung disease (ILD).

Data Image



SDS-PAGE

SDS PAGE for recombinant Human CADM-140 / MDA5