

Recombinant Measles Virus H Antigen (Arg59-Arg617), His-tagged

Cat. No. H-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Measles Virus H Antigen (Arg59-Arg617) with His tag was expressed in HEK293.
Species	Measles Virus
Source	HEK293
ProteinLength	Arg59-Arg617
Description	Measles virus (MeV) belongs to the Paramyxoviridae family, Morbillivirus genus. The hemagglutinin (H) constitutes the glycoprotein spikes with fusion (F) proteins, protruding from the viral envelope. The function of the H protein is to bind to a cellular receptor on the target cells, including signaling lymphocyte-activation molecule (SLAM) and nectin-4. MeV H is a 617-residue type II integral membrane glycoprotein. The head domain of the MeV H protein comprises of a six-bladed β-propeller fold. The H protein forms a homodimer linked by an interchain disulfide bond between the cysteine residues at position 154. In the homodimer, the two H protein monomers interact with each other in a highly tilted position. The dimer of the H protein is further assembled into a tetrameric structure by forming a dimer of dimers.
Form	Purified, Liquid
Molecular Mass	62.56 kDa

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Purity	>95% pure (SDS-PAGE)
Storage	For long term storage, the product should be stored at -20 centigrade or lower.
Storage Buffer	Phosphate Buffered Saline,5%mannital,0.05% Tween20, pH7.4
GENE INFORMATION	
Gene Name	H hemagglutinin protein [Measles morbillivirus]
Official Symbol	H
Synonyms	H; hemagglutinin protein
Gene ID	1489801
Protein Refseq	NP_056923
UniProt ID	Q786F2

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