

PRODUCT INFORMATION

Target MSP1D1 APOA1 **Synonyms**

Recombinant human MSP1D1(del H5) Protein with **Description**

N-terminal 6×His tag

Delivery In Stock **Uniprot ID** P02647 **Expression Host HEK293** Tag N-6×His tag

Molecular 6×His tag APOA1(Ser79-Gln267) del(Pro145-

Characterization Ser166)

The protein has a predicted molecular mass of

21.2 kDa after removal of the signal peptide. The apparent molecular mass of His-MSP1D1(del H5) **Molecular Weight**

is approximately 15-25 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

MSP1D1 (Membrane Scaffold Protein 1D1) is derived from Apolipoprotein A-I (ApoA-I) and is used in the formation of nanodiscs, which are tools for studying membrane proteins in a

Background controlled lipid environment. The "H" in H5 refers

to a histidine residue at position 5 in the protein sequence. The "del" symbol indicates a deletion.

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Usage Research use only Conjugate Unconjugated





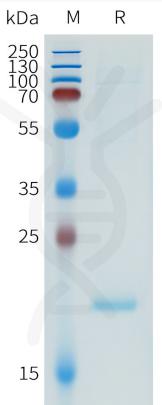
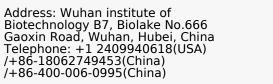


Figure 1. Human MSP1D1(del H5) Protein, His Tag on SDS-PAGE under reducing condition.



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