

CD204/MSR1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76782
Synonyms:	Macrophage scavenger receptor types I and II; SCARA1
Species:	Mouse
Source:	HEK293
Accession:	P30204 (W83-V354)
Gene ID:	20288
Molecular Weight:	Approximately 32 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CD204/MSR1 Protein, a membrane glycoprotein, plays a crucial role in the pathological accumulation of cholesterol in arterial walls during atherogenesis. Comprising two types of receptor subunits, this protein facilitates the endocytosis of a diverse array of macromolecules, including modified low-density lipoproteins (LDL). As a homotrimer, CD204/MSR1 engages in key interactions, such as its association with MYO18A, contributing to its functional role in cellular processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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