

CD206/MMR Protein, Human (HEK293, His)

Cat. No.:	HY-P78736
Synonyms:	MMR; CD206; hMR; MRC1; CLEC13D; CLEC13DL; MRC1L1
Species:	Human
Source:	HEK293
Accession:	P22897-1 (L19-A1389)
Gene ID:	4360
Molecular Weight:	160-180 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	CD206/MMR Protein plays a pivotal role in cellular processes, acting as a versatile mediator of endocytosis in macrophages, specifically facilitating the internalization of glycoproteins. The protein exhibits a broad binding capacity, interacting with both sulfated and non-sulfated polysaccharide chains. In the context of microbial infection, CD206/MMR further assumes a critical role as a phagocytic receptor, contributing to the recognition and engulfment of bacteria, fungi, and other pathogens. This multifaceted functionality underscores CD206/MMR's significance in orchestrating the cellular response to glycoproteins and microbial challenges, showcasing its role as a key player in innate immunity and cellular homeostasis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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