

## CD93/C1qR1 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78098
Synonyms:	C1q/MBL/SPA receptor; C1qR; C1qR(p); C1qRp; CDw93; CD93; C1QR1; MXRA4; ECSM3; dJ737E23.1
Species:	Human
Source:	HEK293
Accession:	Q9NPY3 (T22-K580)
Gene ID:	22918
Molecular Weight:	90-110 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 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	CD93/C1qR1 Protein, identified as a receptor or a component of a larger receptor complex, plays a crucial role in immune recognition by serving as a binding site for C1q, mannose-binding lectin (MBL2), and pulmonary surfactant protein A (SPA). Its interaction with these immune factors suggests a role in orchestrating innate immune responses. CD93/C1qR1 may also participate in the modulation of phagocytosis in monocytes and macrophages, particularly when interacting with soluble defense collagens. Additionally, it appears to be involved in intercellular adhesion, indicating a potential role in cellular interactions beyond immune recognition. The observed interaction with C1QBP further implies its association with cell surface C1q, highlighting the intricate involvement of CD93/C1qR1 in immune-related processes and suggesting its significance in cellular responses to external challenges.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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