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Complement component C1q receptor, 23-572aa, Mouse, His tag, Insect cell

产品货号: TP01683

第三版

别名: Cd93, C1q/MBL/SPA receptor, C1qRp, Cell surface antigen AA4, Lymphocyte antigen 68, Ly-68

**描述:** CD93, also known as Complement component C1q receptor, is receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). This protein mediates the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. It may play a role in intercellular adhesion. This protein was expressed on (pre)plasmablasts/plasma cells, including long-lived plasma cells that showed decreased cell cycle activity, high levels of isotype-switched Ig secretion, and modification of the transcriptional network. It is important for the maintenance of plasma cells in bone marrow niches. Recombinant mouse CD93, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 60.1kDa (558aa) 70-100kDa (SDS-PAGE under reducing conditions.)

**序列:**

ADSQAVVCEGTACYTAHWGKLSAAEAQHRCNENGGNLATVKSEEEARHVQQALTQLLKTAKAPLEAKMGKFWIGLQRE  
KGNCTYHDLPMRGFSWVGGGEDTAYSNWYKASKSSCIFKRCVSLILDLSLTPHPSHLPKWHESPCGTPEAPGNSIEGFLCK  
FNFKGMCRPLALGGPGRVYTTTPFQATTSSLEAVPFASVANVACGDEAKSETHYFLCNEKTPGIFHWGSSGPLCVSPKFGC  
SFNNGGCQQDCFEFGDGSFRCGCRPGFRLLDDLVTASRNPCSSNPCTGGGMCHSVPLSENYTCRCPSGYQLDSSQVHC  
VDIDECQDSPAQDCVNTLGSFHCECWVGYQPSGPKEEACEDVDECAAANSPCAQGCINTDGSFYCSCKEGYIVSGEDS  
TQCEDIDECSDARGNPCDSLFCNTDGSFRGCPGWELAPNGVFCSRGTVFSELPARPPQKEDNDRKESTMPPTTEMPSS  
PSGSKDVSNAQTGLFVQSDIPTASVPLEIEIPSEVSDVWFELGTYLPTTSGHSPKPTHEDSVSAHSDDTDGQNLEHHHHHH

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/ml (determined by Absorbance at 280nm)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.