CD47 (Human) Recombinant Protein

Catalog #   P9665   Size   2 x 10 ug

Specification

Product Description	Human CD47 (Q08722, 19 a.a. - 141 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.
Sequence	QLLFNKTKSVEFTFCNDTVVIPCFVTNMEAQNTTEVYVKWKFKGRDIYTFDGALNKSTVPTDFSSA KIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVTELTREGETIIELKYRVVSWFSPNEHHHHHH
Host	insect
Theoretical MW (kDa)	14.7
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 95.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD47

Entrez GeneID	961

Protein Accession#	Q08722
Gene Name	CD47
Gene Alias	IAP, MER6, OA3
Gene Description	CD47 molecule
Omim ID	601028
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Four alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq
Other Designations	CD47 antigen|CD47 antigen (Rh-related antigen, integrin-associated signal transducer)|CD47 glycoprotein|Rh-related antigen|antigen identified by monoclonal antibody 1D8|antigenic surface determinant protein OA3|integrin associated protein|integrin-associa

Pathway

- ECM-receptor interaction