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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD47 (Human) Recombinant Protein HuPro®

Catalog # : H00000961-H01

規格 : [25 ug]

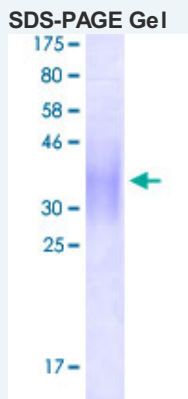
[List All](#)
Specification

Product Description:	Purified CD47 (NP_001768.1, 19 a.a. - 141 a.a.) human recombinant protein with His-Flag-Strepll tag at N-terminus expressed in human cells.
Transfected Cell Line:	Human HEK293H cells
Sequence:	QLLFNKTKSVEFTFCNDTVVIPCFTVNMEAQNTTEVYVKWKFKGRDIYTF DGALNKSTVPTDFSSAKIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVT ELTREGETIIEELKYRVVSWFSPNE
Host:	Human
Theoretical MW (kDa):	16.61
Form:	Liquid
Preparation Method:	Transfection of pSuper-CD47 plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification:	<i>Strep</i> -Tactin affinity columns
Concentration:	≥ 10 ug/ml
Activity:	Not Tested

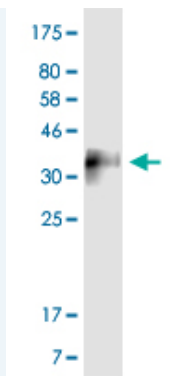
Application Image

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Quality Control Testing: SDS-PAGE and Western Blot



Western Blot



Storage Buffer: 100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Datasheet:  [Download](#)

Applications

Western Blot

Enzyme-linked Immunoabsorbent Assay

SDS-PAGE

Protein Interaction

Gene Information

Entrez GeneID: [961](#)

GeneBank Accession#: [NM_001777.3](#)

Protein Accession#: [NP_001768.1](#)

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

Gene Pathway

ECM-receptor interaction

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