PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	CD47
Synonyms	IAP; MER6; OA3
Description	Human CD47-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q08722
Expression Host	HEK293
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	ECM-receptor interaction
Molecular Weight	The human full length CD47-Strep protein has a MW of 35.2 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C(Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	A membrane protein 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.
Usage	Research use only

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