

Recombinant Mouse Cd47 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Cd47-647MAF488 Lot. No. (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Mouse Cd47(Met1-Lys140) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys140, 133
Form	Lyophilized
Molecular Mass	15.3 kDa
N-terminal Sequence Analysis	Gln 19
Endotoxin	< 1.0 EU/ µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade. Avoid repeated freeze-thaw cycles.
Storage	Store it under sterile conditions at -20 to -80 centigrade upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Reconstitution	Detailed reconstitution instructions are sent along with the products.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Cd47 CD47 antigen (Rh-related antigen, integrin-associated signal transducer) [<i>Mus musculus</i>]
Official Symbol	Cd47
Synonyms	CD47; CD47 antigen (Rh-related antigen, integrin-associated signal transducer); leukocyte surface antigen CD47; Rh-related antigen; integrin-associated protein; IAP; Itgp; AA407862; AI848868; AW108519; 9130415E20Rik; B430305P08Rik;
Gene ID	16423
mRNA Refseq	NM_010581
Protein Refseq	NP_034711
UniProt ID	Q61735

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