

Recombinant Mouse Cd47 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Cd47(Met1-Lys140) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys140
Predicted N Terminal	Gln 19
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant mouse CD47 consists of 133 amino acids and predicts a molecular mass of 15.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store it under sterile conditions at -20 centigrade to -80 centigrade upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Reconstitution Detailed reconstitution instructions are sent along with the products.

GENE INFORMATION

Gene Name Cd47 CD47 antigen (Rh-related antigen, integrin-associated signal transducer) [*Mus musculus*]

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

MIM

UniProt ID Q61735

Chromosome Location 16; 16 B5

Pathway Cell surface interactions at the vascular wall, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; ECM-receptor interaction, organism-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



specific biosystem; ECM-receptor interaction, conserved biosystem; Hemostasis, organism-specific biosystem; Signal regulatory protein (SIRP) family interactions, organism-specific biosystem;

Function

protein binding; thrombospondin receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA